

# OFF HIGHWAY CATALOG

*Maximum Stopping Power,  
with minimum fade*



**BN3 BRAKE BLOCK**  
**OFF HIGHWAY**

**FRICITION  
SYSTEMS**

*FRITEC* 

| Model   | Year | Application                    | Drum Diameter x Width x Thickness | Frnt Shoe  | FRONT Lining | REAR Lining | Rear Shoe | Drum Diameter x Width x Thickness |
|---|------|--------------------------------|-----------------------------------|------------|--------------|-------------|-----------|-----------------------------------|
| <b>ALLIS-CHALMERS</b>                           |      |                                |                                   |            |              |             |           |                                   |
| Revised 10/18/2004                              |      |                                |                                   |            |              |             |           |                                   |
| <b>TRACTOR LOADER: Model TL30, TL30-D, TL40</b> |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | wheel brake: 4 x 1/2 x 18-5/8  | DD 20-1/4                         | lining     | 4470D        |             |           |                                   |
| <b>WHEEL LOADER: Model 745</b>                  |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      |                                | 4 x 3/4 x 10-1/16                 | DD 20-1/4  | 4636D        | 4470D       | DD 20-1/4 | 4 x 3/4 x 10-1/16                 |
| <b>SCRAPERS: Models TS160, TS200, TS260</b>     |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      |                                | 7 x 3/4 x 5-3/8                   | DD 18"     | 4471D        |             |           |                                   |
| <b>SCRAPERS: Models T260, TR260, TS260</b>      |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      |                                | 7 x 3/4 x 11-11/16                | 20-1/4 DD  | 4462D        |             |           |                                   |
| <b>SCRAPERS: Models TR360, TS360</b>            |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      |                                | 7 x 3/4 x 12-7/8                  | 22" DD     | 4480D        |             |           |                                   |
| <b>MODELS: 555, 562</b>                         |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | wheel brake:                   | 8 x 3/4 x 12-5/16                 | 26" DD     | 4618D        |             |           |                                   |
| <b>ATHEY PRODUCTS</b>                           |      |                                |                                   |            |              |             |           |                                   |
| <b>PR-10 WAGON</b>                              |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | PR-10 Wagon, wheel brakes      | 7 x 3/4 x 8-3/8                   | or 8-5/8   | 4471D        |             |           |                                   |
| <b>PR-15 WAGON</b>                              |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | PR-15 Wagon, wheel brakes      | 7 x 3/4 x 11-11/16                | or 12-1/16 | 4462D        |             |           |                                   |
| <b>PR-20, PR-21 WAGON</b>                       |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | PR-20, PR-21 Wagon, wheel brks | 7 x 3/4 x 12.7/8                  | 13-13/16   | 4480D        |             |           |                                   |
| <b>20-Hole Bolt-On Shoe</b>                     |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | cast no. C31955, 26" x 7"      | w/block type cam                  | lining     | 4616D        |             |           | P31960                            |
| <b>BROWNING</b>                                 |      |                                |                                   |            |              |             |           |                                   |
| <b>Crane Model 15TC</b>                         |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | rear wheel brakes              |                                   |            |              | 4056BD      | lining    | 3711182                           |
| <b>CASE</b>                                     |      |                                |                                   |            |              |             |           |                                   |
| <b>W14B, W18B</b>                               |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | Loader                         | 10.905 x 4.094 x 0.945            | Disc       | I-30015      |             |           |                                   |
| <b>W20, W20B, W24C</b>                          |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | Loader                         | 10.949 x 3.385 x 0.866            | Disc       | I-30001      |             |           | or I-30018                        |
| <b>W20C, W30</b>                                |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | Loader                         | 10.905 x 4.094 x 0.945            | Disc       | I-30015      |             |           |                                   |
| <b>621, 721</b>                                 |      |                                |                                   |            | <b>FRONT</b> | <b>REAR</b> |           |                                   |
| non-dated                                       |      | Loader                         | 10.905 x 4.094 x 0.945            | Disc       | I-30015      |             |           |                                   |

|  |                    |                           |               |                  |             |                 |            |
|--|--------------------|---------------------------|---------------|------------------|-------------|-----------------|------------|
| <b>Model 36</b>                          |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | w/Meritor 4-piston | 10.445 x 4.299 x 0.984    | <i>disc</i>   | <b>I-30966</b>   |             |                 |            |
| non-dated                                | w/Meritor 2-piston | 7.417 x 3.366 x 1.000     | <i>disc</i>   | <b>I-30944</b>   |             |                 |            |
| <b>CATERPILLAR (CAT)</b>                 |                    |                           |               |                  |             |                 |            |
| <b>43, 528</b>                           |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | Wheeled Loader     | (1) 30020 (1) 30021       |               | <b>30020, 21</b> |             | <i>Disc</i>     |            |
| <b>505</b>                               |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | Wheeled Loader     | (1) 30032 (1) 30033 or    |               | <b>30001</b>     |             | <i>Disc</i>     |            |
| <b>511, 521, 521A, 531</b>               |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | Wheeled Loader     | 10.905 x 4.094 x 0.945    |               | <b>30015</b>     |             | <i>Disc</i>     |            |
| <b>518</b>                               |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | Wheeled Loader     | (1) 30020 or (1) 30021 or |               | <b>30015</b>     |             | <i>Disc</i>     |            |
| <b>920, 926, 930</b>                     |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | Wheeled Loader     | (1) 30032 (1) 30033 or    |               | <b>30020, 21</b> |             | <i>Disc</i>     |            |
| <b>619C, 621, 621B</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR8381, reman shoe        | <i>lining</i> | <b>4480FD</b>    |             | <i>cast no.</i> | 4722-A-209 |
| <b>621E, 623, 623B</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR8381, reman shoe        | <i>lining</i> | <b>4480FD</b>    |             | <i>cast no.</i> | 4722-A-209 |
| <b>623E, 627, 627B, 627E, 631B, 631C</b> |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR8381, reman shoe        | <i>lining</i> | <b>4480FD</b>    |             | <i>cast no.</i> | 4722-A-209 |
| <b>631B, 631C, 631D</b>                  |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2940, reman shoe        | <i>lining</i> | <b>4616A</b>     |             | <i>cast no.</i> | 3J9375     |
| <b>631E, 633, 633B</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2940, reman shoe        | <i>lining</i> | <b>4616A</b>     |             | <i>cast no.</i> | 3J9375     |
| <b>633C, 633D</b>                        |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2940, reman shoe        | <i>lining</i> | <b>4616A</b>     |             | <i>cast no.</i> | 3J9375     |
| <b>637, 637D</b>                         |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2940, reman shoe        | <i>lining</i> | <b>4616A</b>     |             | <i>cast no.</i> | 3J9375     |
| <b>639D</b>                              |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2940, reman shoe        | <i>lining</i> | <b>4616A</b>     |             | <i>cast no.</i> | 3J9375     |
| <b>631E, 637E</b>                        |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2941, reman shoe        | <i>lining</i> | <b>4608C</b>     |             | <i>cast no.</i> | 5T5344     |
| <b>651, 651B, 651E</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2967, reman shoe        | <i>lining</i> | <b>4676</b>      |             | <i>cast no.</i> | 5T5344     |
| <b>657, 657B, 657E</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | AT Scrapers        | OR2967, reman shoe        | <i>lining</i> | <b>4676</b>      |             | <i>cast no.</i> | 3J7956     |
| <b>966 Traxcavator</b>                   |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | 5K664              |                           | <i>lining</i> | <b>4601D</b>     |             |                 |            |
| <b>DW10 Wheel Tractor</b>                |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |
| non-dated                                | 5H1803             |                           | <i>lining</i> | <b>4471D</b>     |             |                 |            |
| <b>DW15, Wheel Brakes</b>                |                    |                           |               | <b>FRONT</b>     | <b>REAR</b> |                 |            |

|   |                                |                    |                 |                |             |                 |  |
|---|--------------------------------|--------------------|-----------------|----------------|-------------|-----------------|--|
| non-dated                               | 2D3119                         |                    | <i>lining</i>   | <b>4462S</b>   |             |                 |  |
| <b>DW21, Wheel Brakes</b>               |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 2J5659                         |                    | <i>lining</i>   | <b>4480D</b>   |             |                 |  |
| <b>619 - 688</b>                        |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 2D3119                         |                    | <i>lining</i>   | <b>4462D</b>   |             |                 |  |
| <b>D.D. (Drum Diameter)</b>             |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 26" x 9"                       |                    | <i>lining</i>   | <b>4608A</b>   |             |                 |  |
| non-dated                               | 26" x 9"                       |                    | <i>lining</i>   | <b>4608B</b>   |             |                 |  |
| non-dated                               | 26" x 9"                       |                    | <i>lining</i>   | <b>4608C</b>   |             |                 |  |
| non-dated                               | 30" x 8"                       |                    | <i>lining</i>   | <b>4676D</b>   |             |                 |  |
| <b>CHAMP</b>                            |                                |                    |                 |                |             |                 |  |
| <b>Champ 17-1/4" x 4" Brakes</b>        |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | cast # 4222-S-123, (4) 16613DR |                    | <i>can use:</i> | <b>4211</b>    |             | <i>3/8" thk</i> |  |
| <b>CLARK</b>                            |                                |                    |                 |                |             |                 |  |
| <b>Yard Life, Model 400 Wheel Brake</b> |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 5 x 3/4 10-5/16                | # 107705           | 20" DD          | <b>4587</b>    |             |                 |  |
| non-dated                               | 6 x 3/4 x 8-1/2                | # 107882           | 20" DD          | <b>4317GD</b>  |             |                 |  |
| non-dated                               | 7 x 3/4 x 8-1/2                | # 109048           | 16-1/2" DD      | <b>4311E</b>   |             |                 |  |
| non-dated                               | 7 x 3/4 x 8-3/8                | # 109735           | 16-1/2" DD      | <b>4515D</b>   |             |                 |  |
| non-dated                               | 7 x 3/4 x 8-1/8                | # 111611           | 16-1/2" DD      | <b>4515D</b>   |             |                 |  |
| non-dated                               | 7 x 3/4 x 10-3/32              | # 112231           | 20" DD          | <b>4630</b>    |             |                 |  |
| <b>CLARK EQUIPMENT</b>                  |                                |                    |                 |                |             |                 |  |
| <b>OFF HIGHWAY</b>                      |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 36" x 14"                      |                    |                 | <b>4683</b>    |             |                 |  |
| non-dated                               | 36" x 14"                      |                    |                 | <b>4683A</b>   |             |                 |  |
| non-dated                               | 36" x 14"                      |                    |                 | <b>4683B</b>   |             |                 |  |
| <b>DART</b>                             |                                |                    |                 |                |             |                 |  |
| <b>20 - 32SN (front brakes)</b>         |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 2740-U-567 thru X570           | 5 x 3/4 x 11-11/16 | 20-1/4 DD       | <b>4470D</b>   |             |                 |  |
| <b>100 EDT - SL6500</b>                 |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | 2740 x 1480                    | 10 x 3/4 x 12-7/8  | 26" DD          | <b>4619D</b>   |             |                 |  |
| <b>2556 (front brakes)</b>              |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | front brakes                   | 5 x 3/4 x 11-11/16 | 20-1/4 DD       | <b>4470D</b>   |             |                 |  |
| <b>DRESSER</b>                          |                                |                    |                 |                |             |                 |  |
| <b>GALION</b>                           |                                |                    |                 | <b>FRONT</b>   | <b>REAR</b> |                 |  |
| non-dated                               | serial # 470003 - 470111       | # 139961           | <i>disc</i>     | <b>I-30493</b> |             |                 |  |

| <b>EATON BRAKES (Trailer Axles)</b>     |                                   |                  |                  |              |               |                  |                      |
|---|-----------------------------------|------------------|------------------|--------------|---------------|------------------|----------------------|
| <b>Trailer Axles</b>                    |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 8" Wide          |                  | <b>4631</b>  |               |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 8.5/8" ESS Wide  |                  | <b>4726</b>  |               |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 8.5/8" Wide      |                  | <b>4727</b>  |               |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 8.5/8" Wide      |                  | <b>4674</b>  |               |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 8.5/8" Wide      |                  | <b>4551</b>  |               |                  |                      |
| non-dated                               | 16.1/2" D.D.                      | 10" Wide         |                  | <b>4552</b>  |               |                  |                      |
| non-dated                               | 17.1/4" D.D.                      | 4" Wide          |                  | <b>4375</b>  |               |                  |                      |
| non-dated                               | 18" D.D.                          | 7" Wide          |                  | <b>4527B</b> |               |                  |                      |
| non-dated                               | 18" D.D.                          | 7" Wide          |                  | <b>4527C</b> |               |                  |                      |
| non-dated                               | 18" D.D.                          | 7" Wide          |                  | <b>4727E</b> |               |                  |                      |
| non-dated                               | 18" D.D.                          | 8" Wide          |                  | <b>4525</b>  |               |                  |                      |
| <b>EUCLID Road Machinery</b>            |                                   |                  |                  |              |               |                  |                      |
| <b>MODEL 2, 4, 5 FD (rear dump)</b>     |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | lining: 5-1/2 x 3/4 x 9-3/16 rear | D.D. 17.250"     | 9103159          | <b>4375D</b> | <b>4056CD</b> | <i>lining</i>    | Kit 9021812          |
| <b>MODEL 5 UD (rear dump)</b>           |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | lining: 5-1/2 x 3/4 x 15.400      | D.D. 26"         | 9027881          | <b>4575</b>  |               |                  | Kit 9031854          |
| <b>MODEL 6LD - 7LD</b>                  |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               |                                   |                  |                  |              | <b>4367D</b>  | <i>17-1/4 DD</i> | 6-1/2 x 15-7/16      |
| <b>MODEL 9LDT, 10LDT, 11LDT, 12LDT</b>  |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               |                                   |                  |                  |              | <b>4367D</b>  | <i>17-1/4 DD</i> | 6-1/2 x 15-7/16      |
| <b>MODEL 8 TD (rear dump)</b>           |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | DD 20 / 6 x 3/4 x 11-3/16         | cast # 4005914   | 9021568          | <b>4354A</b> | <b>4354A</b>  | <i>lining</i>    | 9147920              |
| <b>MODEL 11 LBT (tractor)</b>           |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | DD 26 / 6-1/2 x 3/4 x 15-7/16     |                  | <i>lining</i>    | <b>4367</b>  |               |                  |                      |
| <b>MODEL 12FD</b>                       |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               |                                   | 4 x 1/2 x 15-5/8 | <i>17-1/4 DD</i> | <b>4375D</b> | <b>4056CD</b> | <i>17-1/4 DD</i> | 5-1/2 x 3/4 x 9-3/16 |
| <b>MODEL 13 FDT</b>                     |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               |                                   |                  |                  |              | <b>4056CD</b> | <i>17-1/4 DD</i> | 5-1/2 x 3/4 x 9-3/16 |
| <b>MODEL 13 LDT (tractor)</b>           |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | DD 26 / 6-1/2 x 3/4 x 15-7/16     | Kit 9021624      | <i>lining</i>    | <b>4367</b>  |               |                  |                      |
| <b>MODEL 17 LTD, 18 LTD</b>             |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               |                                   |                  |                  |              | <b>4367D</b>  | <i>26" DD</i>    | 6-1/2 x 3/4 x 14-1/2 |
| <b>MODEL 15 FFD, 65 TD, 71 TD, R 35</b> |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | rear brakes                       |                  |                  |              | <b>4622D</b>  | <i>20" DD</i>    | 6 x 3/4 x 10-11/32   |
| <b>MODEL 20 TD (rear dump)</b>          |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | DD 20 / 6 x 3/4 x 11-3/16         | 9021568          | <i>lining</i>    | <b>4354A</b> | <b>4354A</b>  | <i>lining</i>    |                      |
| <b>MODEL 23 FDT (rear dump)</b>         |                                   |                  |                  | <b>FRONT</b> | <b>REAR</b>   |                  |                      |
| non-dated                               | DD 20 / 6 x 3/4 x 11-3/16         | 9021568          | <i>lining</i>    | <b>4354A</b> | <b>4354A</b>  | <i>lining</i>    |                      |

|   |                                  |                        |                  |               |              |               |                      |
|---|----------------------------------|------------------------|------------------|---------------|--------------|---------------|----------------------|
| <b>MODEL 23 LBT (tractor)</b>                   |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 20 / 6 x 3/4 x 11-3/16        |                        | <i>lining</i>    | <b>4354A</b>  | <b>4354A</b> | <i>lining</i> |                      |
| <b>MODEL 23 TDT (tractor)</b>                   |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 20 / 6 x 3/4 x 11-3/16        |                        | <i>lining</i>    | <b>4354A</b>  | <b>4354A</b> | <i>lining</i> |                      |
| <b>MODEL 21 SH (scraper)</b>                    |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 20 / 6 x 3/4 x 11-3/16        |                        | <i>lining</i>    | <b>4354A</b>  | <b>4354A</b> | <i>lining</i> |                      |
| <b>MODEL 31 TD (rear dump)</b>                  |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 20 / 6 x 3/4 x 11-3/16        |                        | <i>lining</i>    | <b>4354A</b>  | <b>4354A</b> | <i>lining</i> |                      |
| <b>MODEL 27, 28, 36 FD (rear dump)</b>          |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 17.250 / 5-1/2 x 3/4 x 9-3/16 | 9021567                | <i>lining</i>    | <b>4056C</b>  |              |               |                      |
| <b>MODEL 49 FD (rear dump)</b>                  |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 17.250 / 4 x 1/2 x 15-5/8     | 9027881                | <i>lining</i>    | <b>4375</b>   | <b>4056C</b> | <i>lining</i> | 9021567              |
| <b>MODEL 43 FDT (tractor)</b>                   |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 17.250                        | 4 x 1/2 x 15-5/8       | <i>lining</i>    | <b>4375</b>   | <b>4056C</b> | <i>lining</i> | 5-1/2 x 3/4 x 9-3/16 |
| <b>MODEL 201 TD (rear dump)</b>                 |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | DD 20.1/4" / 7 x 3/4 x 9.625"    | 4031090                | <i>lining</i>    | <b>4633D</b>  |              |               |                      |
| <b>UDT</b>                                      |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | 2-rear brakes                    | 5-1/2 x 3/4 x 9-3/16   | <i>17-1/4 DD</i> | <b>4056CD</b> |              |               |                      |
| <b>W SERIES BRAKES (FD, LD, LDT, 1LLD, R18)</b> |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       |                                  | 6-1/2 X 3/4 X 14-1/2   | <i>26" DD</i>    | <b>4367D</b>  |              |               |                      |
| <b>W SERIES BRAKES (FD, S7, 1UD)</b>            |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | # 9146913                        | 5-1/2 X 3/4 X 9-3/16   | <i>16" DD</i>    | <b>4056CD</b> |              |               |                      |
| <b>WHEEL BRAKES (LDT, LOT, S, SS, TS)</b>       |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | # 9160220                        | 5 x 3/4 x 15-1/4       | <i>26" DD</i>    | <b>4575D</b>  |              |               |                      |
| <b>R50 (late model)</b>                         |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       |                                  | 10 x 3/4 x 13-3/4      | <i>26" DD</i>    | <b>4619AD</b> |              |               |                      |
| <b>FAUN</b>                                     |                                  |                        |                  |               |              |               |                      |
| <b>FK-20</b>                                    |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | Dumper                           | 10.945 x 3.385 x 0.866 | <i>disc</i>      | <b>30001</b>  |              |               |                      |
| <b>FIAT-ALLIS</b>                               |                                  |                        |                  |               |              |               |                      |
| <b>OFF HIGHWAY</b>                              |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | Off Highway                      | 22 x 7                 | <i>lining</i>    | <b>4688</b>   |              |               |                      |
| <b>FR9, FR10, FR11, FR12</b>                    |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | Loader                           | 10.945 x 3.385 x 0.866 | <i>disc</i>      | <b>30001</b>  |              |               |                      |
| <b>FR15, FR20, FR30</b>                         |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | Loader                           | 10.945 x 3.385 x 0.866 | <i>disc</i>      | <b>30001</b>  |              |               |                      |
| <b>GERLINGER</b>                                |                                  |                        |                  |               |              |               |                      |
| <b>11 - M Lift Truck</b>                        |                                  |                        |                  | <b>FRONT</b>  | <b>REAR</b>  |               |                      |
| non-dated                                       | front brakes, model H            | 7 x 3/4 x 8-1/4        | <i>16-1/2 DD</i> | <b>4515D</b>  |              |               |                      |

| <b>GROOT</b>                   |                                |                        |                  |              |              |               |           |
|--------------------------------|--------------------------------|------------------------|------------------|--------------|--------------|---------------|-----------|
| <b>Groot Model</b>             |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      |                                | 10.945 x 3.385 x 0.866 | <i>disc</i>      | <b>30001</b> |              |               |           |
| <b>HARVEY MFG.</b>             |                                |                        |                  |              |              |               |           |
| <b>Trans-Act TA-20</b>         |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | Airline Cargo Vehicle (all)    | 6.496 x 1.946 x 0.480  | <i>disc</i>      | <b>30550</b> |              |               |           |
| <b>HOUGH (Frank G. Hough)</b>  |                                |                        |                  |              |              |               |           |
| <b>Model 120B</b>              |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | 155102 & 3                     | 4 x 3/4 x 10-1/16      | <i>20-1/4 DD</i> | <b>4601D</b> |              |               |           |
| <b>Model H-90-B</b>            |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | 154302 & 3                     | 5 x 3/4 x 11-3/4       | <i>20-1/4 DD</i> | <b>4470D</b> |              |               |           |
| <b>D400 - D500</b>             |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | 198336H1                       | 8 x 3/4 x 13-3/4       | <i>26" DD</i>    | <b>4618D</b> |              |               |           |
| <b>HYSTER</b>                  |                                |                        |                  |              |              |               |           |
| <b>Model H165E</b>             |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | casting no. 234776, 16" x 6"   | also Wagner FF3144     | <i>lining</i>    | <b>1199</b>  |              |               |           |
| <b>INTERNATIONAL HARVESTER</b> |                                |                        |                  |              |              |               |           |
| <b>OFF HIGHWAY</b>             |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | Off Highway                    | 40 x 5                 | <i>lining</i>    | <b>4680</b>  |              |               |           |
| <b>350 PAY HAULER 50-TON</b>   |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | 350 Pay Hauler 50-Ton          | 20 x 7                 |                  |              | <b>4685</b>  | <i>lining</i> |           |
| <b>350B PAY HAULER</b>         |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | 714196C3 (new # 11PD00002C)    | use: 244-482           | <i>disc</i>      | <b>30036</b> |              |               |           |
| <b>T500-S PAY MOVER</b>        |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | s/n 4001244, caliper 936110C91 | 926937C1, puck         | <i>disc</i>      | <b>30299</b> |              |               |           |
| <b>Model 75, Pay Scraper</b>   |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      | Hand Wagon Brakes              | 29171R1                | <i>lining</i>    | <b>4480D</b> |              |               |           |
| <b>Model 65, Pay Hauler</b>    |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      |                                | 303100R1               | <i>lining</i>    | <b>4375D</b> | <b>4462D</b> | <i>lining</i> | 313871R91 |
| <b>Model 95, Pay Hauler</b>    |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      |                                | 303141R1               | <i>lining</i>    | <b>4470D</b> | <b>4462D</b> | <i>lining</i> | 30303R1   |
| <b>Model 100, Pay Hauler</b>   |                                |                        |                  | <b>FRONT</b> | <b>REAR</b>  |               |           |
| non-dated                      |                                | 63800C91               | <i>lining</i>    | <b>4636D</b> |              |               |           |
| <b>K W DART</b>                |                                |                        |                  |              |              |               |           |

| <b>100 Ton Truck</b>                    |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
|---|--|------------------------|---------------|--|------------------|------------------|-------------|------------------------|
| non-dated                               | 100-Ton                                    | 30 x 10                | <i>lining</i> |  | <b>4677</b>      |                  |             |                        |
| non-dated                               | 100-Ton                                    | 30 x 10                | <i>lining</i> |  | <b>4677A</b>     |                  |             |                        |
| non-dated                               | 100-Ton                                    | 30 x 10                | <i>lining</i> |  | <b>4677B</b>     |                  |             |                        |
| <b>MODEL 80; 110</b>                    |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | Model 80; 110                              | 30 x 6                 | <i>lining</i> |  | <b>4678</b>      |                  |             |                        |
| non-dated                               | Model 80; 110                              | 30 x 6                 | <i>lining</i> |  | <b>4678A</b>     |                  |             |                        |
| non-dated                               | Model 80; 110                              | 30 x 6                 | <i>lining</i> |  | <b>4678B</b>     |                  |             |                        |
| <b>MODEL 110</b>                        |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | Model 110                                  | 36 x 12                | <i>lining</i> |  | <b>4681</b>      |                  |             |                        |
| non-dated                               | Model 110                                  | 36 x 12                | <i>lining</i> |  | <b>4681A</b>     |                  |             |                        |
| non-dated                               | Model 110                                  | 36 x 12                | <i>lining</i> |  | <b>4681B</b>     |                  |             |                        |
| <b>KENWORTH</b>                         |  |                        |               |  |                  |                  |             |                        |
| <b>PITTSBURG MIDWAY, Model 849</b>      |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | DD 20", 9" DOA, 15" bolt circle, 12-hole   | 13-3/16" pilot         |               |  |                  |                  |             |                        |
| non-dated                               | 5" wide, 26" DD, 3-pcs per shoe, 3/4 block | 6-holes per piece      | <i>lining</i> |  | <b>4573D</b>     |                  |             | cast # K315-8          |
| <b>KAWASAKI</b>                         |  |                        |               |  |                  |                  |             |                        |
| <b>652II, 702, 802II</b>                |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | Loader                                     | 10.945 x 3.385 x 0.866 | <i>disc</i>   |  | <b>30001</b>     |                  |             |                        |
| <b>KOEHRING-BOMAG</b>                   |  |                        |               |  |                  |                  |             |                        |
| <b>KOEHRING-BOMAG</b>                   |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | All Models                                 | 6.968 x 2.913 x 0.866  | <i>disc</i>   |  | <b>30007</b>     | <b>30007</b>     | <i>disc</i> | 6.968 x 2.913 x 0.866  |
| <b>KOBELCO</b>                          |  |                        |               |  |                  |                  |             |                        |
| <b>Model LK400 Loader</b>               |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | caliper casting no. 419-20-45 (A or B ?)   | 6.968 x 2.913 x 0.866  | <i>disc</i>   |  | <b>30007</b>     |                  |             | Carlisle 244-736       |
| <b>KOMATSU</b>                          |  |                        |               |  |                  |                  |             |                        |
| <b>HA250-3, HA270-3</b>                 |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | Articulated Dump                           | 15.63 x 4.921 x 1.102  | <i>disc</i>   |  | <b>30021, 20</b> | <b>30021, 20</b> | <i>disc</i> | 15.63 x 4.921 x 1.102  |
| <b>85 Ton Rigid Dump Truck</b>          |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | 85-Ton Rigid Dump Truck                    | 15.63 x 4.921 x 1.102  | <i>disc</i>   |  | <b>30021, 20</b> | <b>30021, 20</b> | <i>disc</i> | 15.63 x 4.921 x 1.102  |
| <b>HD325-6, 465-5, 785-3 Rigid Dump</b> |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | HD325-6, 465-5, 785-3 Rigid Dump Trk       | 15.63 x 4.921 x 1.102  | <i>disc</i>   |  | <b>30021, 20</b> | <b>30021, 20</b> | <i>disc</i> | 15.63 x 4.921 x 1.102  |
| <b>530, 540, 550</b>                    |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | 530, 540, 550                              | 10.945 x 3.385 x 0.866 | <i>disc</i>   |  | <b>30001</b>     | <b>30001</b>     | <i>disc</i> | 10.945 x 3.385 x 0.866 |
| <b>560B, 570</b>                        |  |                        |               |  | <b>FRONT</b>     | <b>REAR</b>      |             |                        |
| non-dated                               | 560B, 570                                  | 15.63 x 4.921 x 1.102  | <i>disc</i>   |  | <b>30021, 20</b> | <b>30021, 20</b> | <i>disc</i> | 15.63 x 4.921 x 1.102  |

|  |                            |                        |               |  |               |               |                   |               |
|--|----------------------------|------------------------|---------------|--|---------------|---------------|-------------------|---------------|
| <b>WA450 Loader</b>                        |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | 421-43-15190, 421-43-15350 | 3.74 x 3.346 x 0.625   | <i>disc</i>   |  | <b>30962</b>  |               |                   |               |
| <b>LE TOURNEAU</b>                         |                            |                        |               |  |               |               |                   |               |
| <b>OFF HIGHWAY</b>                         |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | Off Highway                | 30 x 10                | <i>lining</i> |  | <b>4677D</b>  |               |                   |               |
| non-dated                                  | Off Highway                | 30 x 10                | <i>lining</i> |  | <b>4677A</b>  |               |                   |               |
| <b>Model 45 - 65</b>                       |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | RK1197                 | <i>26" DD</i> |  | <b>4618D</b>  | <b>4619AD</b> | <i>lining</i>     | RK1198        |
| <b>LW60, LW65, LW90</b>                    |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | front brakes               | RK1198                 | <i>26" DD</i> |  | <b>4619AD</b> |               |                   |               |
| <b>MODEL 90</b>                            |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | Model 90                   | 30 x 12                | <i>lining</i> |  | <b>4679</b>   |               |                   |               |
| non-dated                                  | Model 90                   | 30 x 12                | <i>lining</i> |  | <b>4679A</b>  |               |                   |               |
| non-dated                                  | Model 90                   | 30 x 12                | <i>lining</i> |  | <b>4679B</b>  |               |                   |               |
| <b>OFF HIGHWAY</b>                         |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | Off Highway                | 36 x 14                | <i>lining</i> |  | <b>4683</b>   |               |                   |               |
| non-dated                                  | Off Highway                | 36 x 14                | <i>lining</i> |  | <b>4683A</b>  |               |                   |               |
| non-dated                                  | Off Highway                | 36 x 14                | <i>lining</i> |  | <b>4683B</b>  |               |                   |               |
| <b>LORRAIN</b>                             |                            |                        |               |  |               |               |                   |               |
| <b>65-TON CRANE</b>                        |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | Rockwell axle SPR252TWX14  | Lining 2740-Q-1473     |               |  |               |               | <i>lined shoe</i> | A2-3722-R-564 |
| <b>MICHIGAN - VOLVO</b>                    |                            |                        |               |  |               |               |                   |               |
| <b>L50, L70, L90</b>                       |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | <b>30018 or</b>        | <i>disc</i>   |  | <b>30001</b>  |               |                   |               |
| <b>L120, L160, L190</b>                    |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | <b>30018 or</b>        | <i>disc</i>   |  | <b>30001</b>  |               |                   |               |
| <b>L270</b>                                |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | 16.26 x 5.224 x 1.051  | <i>disc</i>   |  | <b>30028</b>  |               |                   |               |
| <b>45C,55C, 75C, 125C</b>                  |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | <b>30018 or</b>        | <i>disc</i>   |  | <b>30001</b>  |               |                   |               |
| <b>175C</b>                                |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | 10.945 x 3.385 x 0.866 | <i>disc</i>   |  | <b>30001</b>  |               |                   |               |
| <b>275C, 380C</b>                          |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            | 16.26 x 5.224 x 1.051  | <i>disc</i>   |  | <b>30028</b>  |               |                   |               |
| <b>275B (3070)</b>                         |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  | brake lining 126441 (4)    | replace with           | <i>lining</i> |  | <b>4603AD</b> |               |                   |               |
| <b>275A Loader, 210 Scraper, 280 Dozer</b> |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |
| non-dated                                  |                            |                        | <i>lining</i> |  | <b>4376BD</b> |               |                   |               |
| <b>280C</b>                                |                            |                        |               |  | <b>FRONT</b>  | <b>REAR</b>   |                   |               |

|                                    |                                      |                            |                   |               |             |          |            |
|------------------------------------|--------------------------------------|----------------------------|-------------------|---------------|-------------|----------|------------|
| non-dated                          |                                      | <b>(1) 30020 (1) 30021</b> | <i>disc</i>       | <b>1 each</b> |             |          |            |
| <b>475C</b>                        |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 12.638 x 6.142 x 1.496     | <i>disc</i>       | <b>30022</b>  |             |          |            |
| <b>NORTHWEST WOLLARD</b>           |                                      |                            |                   |               |             |          |            |
| <b>6003D</b>                       |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          | All                                  | 6.496 x 1.945 x 0.480      | <i>disc</i>       | <b>30550</b>  |             |          |            |
| <b>OTTAWA</b>                      |                                      |                            |                   |               |             |          |            |
| <b>Yard (Goat) Truck</b>           |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          | cast # 970530 (4000 351 146), 18 x 7 | same as 4471D but          | <i>y = 2-1/2"</i> | <b>4471D</b>  |             |          |            |
| <b>ROCKWELL CALIPERS (Meritor)</b> |                                      |                            |                   |               |             |          |            |
| <b>SCL-1 Series</b>                |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 16.732 x 6.142 x 1.063     | <i>disc</i>       | <b>30031</b>  |             |          |            |
| <b>SCL-2 Series</b>                |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 10.905 x 4.094 x 0.945     | <i>disc</i>       | <b>30015</b>  |             |          |            |
| <b>SCL-13 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 2.470 x 2.125 x 0.250      | <i>disc</i>       | <b>30493</b>  |             |          |            |
| <b>SCL-19 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 12.638 x 6.142 x 1.496     | <i>disc</i>       | <b>30022</b>  |             |          |            |
| <b>SCL-33 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 8.858 x 3.504 x 0.708      | <i>disc</i>       | <b>30473</b>  |             |          |            |
| <b>SCL-35 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 16.26 x 5.224 x 1.051      | <i>disc</i>       | <b>30028</b>  |             |          |            |
| <b>SCL-46 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 14.60 x 5.10 x 1.062       | <i>disc</i>       | <b>31080</b>  |             |          |            |
| <b>SCL-53 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 16.26 x 5.224 x 1.051      | <i>disc</i>       | <b>30028</b>  |             |          |            |
| <b>SCL-56 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 12.638 x 6.142 x 1.496     | <i>disc</i>       | <b>30022</b>  |             |          |            |
| <b>SCL-59 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 2.986 x 2.490 x 0.630      | <i>disc</i>       | <b>30982</b>  |             |          |            |
| <b>SCL-68 Series</b>               |                                      |                            |                   | <b>FRONT</b>  | <b>REAR</b> |          |            |
| non-dated                          |                                      | 10.905 x 4.094 x 0.945     | <i>disc</i>       | <b>30015</b>  |             |          |            |
| <b>ROCKWELL (Meritor)</b>          |                                      |                            |                   |               |             |          |            |
| <b>D.D. (Drum Diameter)</b>        |                                      |                            | <b>No. Holes</b>  | <b>FRONT</b>  | <b>REAR</b> | <b>X</b> | <b>Y</b>   |
| 17" D.D.                           | 6" wide                              |                            | <i>lining</i>     | <b>4653</b>   |             |          |            |
| 17" D.D.                           | 7" wide                              |                            | <i>lining</i>     | <b>4611</b>   |             |          |            |
| 17.1/4" D.D.                       | 4" wide                              |                            | <i>lining</i>     | <b>1131</b>   |             |          | use: 4211D |
| 17.1/4" D.D.                       | 4" wide                              |                            | <i>lining</i>     | <b>1131A</b>  |             |          |            |

|              |             |                     |        |       |  |         |                         |
|--------------|-------------|---------------------|--------|-------|--|---------|-------------------------|
| 17.1/4" D.D. | 5" wide     |                     | lining | 1311  |  |         |                         |
| 18" D.D.     | 7" wide     |                     | lining | 4534  |  |         |                         |
| 18" D.D.     | 7" wide     | 16-holes            | lining | 4669  |  | X=5.375 | Y=2.750                 |
| 18" D.D.     | 7" wide     | 12-holes            | lining | 4471  |  | X=5.375 | Y=2.750                 |
| 18" D.D.     | 7" wide     |                     | lining | 4471A |  |         |                         |
| 18" D.D.     | 7" wide     | 16-holes            | lining | 4471B |  | X=5.375 | Y=2.750                 |
| 20" D.D.     | 7" wide     |                     | lining | 4655  |  |         |                         |
| 20" D.D.     | 7" wide     | 18-holes            | lining | 4685  |  | X=5.750 | Y=3.125                 |
| 20" D.D.     | 7.1/2" wide | 12-holes            | lining | 4622  |  | X=5.250 | Y=2.250                 |
| 20.1/4" D.D. | 3" wide     |                     | lining | 4668  |  |         |                         |
| 20.1/4" D.D. | 4" wide     | 10-holes            | lining | 4716  |  | X=4.250 |                         |
| 20.1/4" D.D. | 4" wide     | 12-holes / 16-holes | lining | 4636  |  | X=2.750 |                         |
| 20.1/4" D.D. | 4" wide     | 8-holes             | lining | 4601  |  | X=2.750 |                         |
| 20.1/4" D.D. | 4" wide     | 12-holes            | lining | 4601A |  | X=3.000 |                         |
| 20.1/4" D.D. | 4" wide     |                     | lining | 4643  |  |         | use: 4713D w/1/4 rivets |
| 20.1/4" D.D. | 5" wide     | 12-holes / 14-holes | lining | 4714  |  | X=2.750 |                         |
| 20.1/4" D.D. | 5" wide     |                     | lining | 4629  |  |         |                         |
| 20.1/4" D.D. | 5" wide     |                     | lining | 4628  |  |         |                         |
| 20.1/4" D.D. | 5" wide     | 12-holes            | lining | 4470  |  | X=3.375 |                         |
| 20.1/4" D.D. | 6" wide     |                     | lining | 4479  |  |         |                         |
| 20.1/4" D.D. | 7" wide     |                     | lining | 4633  |  |         |                         |
| 20.1/4" D.D. | 7" wide     |                     | lining | 4633A |  |         |                         |
| 20.1/4" D.D. | 7" wide     | 18-holes            | lining | 4633B |  |         |                         |
| 20.1/4" D.D. | 7" wide     |                     | lining | 4462  |  |         |                         |
| 20.1/4" D.D. | 8" wide     |                     | lining | 4667  |  |         |                         |
| 20.1/4" D.D. | 9" wide     |                     | lining | 4558  |  |         |                         |
| 21" D.D.     | 5.1/2" wide |                     | lining | 4109  |  |         |                         |
| 22" D.D.     | 4" wide     |                     | lining | 4686  |  |         |                         |
| 22" D.D.     | 7" wide     |                     | lining | 4617  |  |         |                         |
| 22" D.D.     | 7" wide     |                     | lining | 4688  |  |         |                         |
| 22" D.D.     | 7" wide     |                     | lining | 4480  |  |         |                         |
| 26" D.D.     | 5" wide     |                     | lining | 4635  |  |         |                         |
| 26" D.D.     | 7" wide     |                     | lining | 4609  |  |         |                         |
| 26" D.D.     | 8" wide     |                     | lining | 4618  |  |         |                         |
| 26" D.D.     | 8" wide     |                     | lining | 4618A |  |         |                         |
| 26" D.D.     | 8" wide     |                     | lining | 4604  |  |         |                         |
| 26" D.D.     | 10" wide    |                     | lining | 4619  |  |         |                         |
| 26" D.D.     | 10" wide    |                     | lining | 4619A |  |         |                         |
| 28" D.D.     | 8" wide     |                     | lining | 4684  |  |         |                         |
| 30" D.D.     | 6" wide     |                     | lining | 4678  |  |         |                         |
| 30" D.D.     | 6" wide     |                     | lining | 4678A |  |         |                         |
| 30" D.D.     | 6" wide     |                     | lining | 4678B |  |         |                         |
| 30" D.D.     | 10" wide    |                     | lining | 4677  |  |         |                         |

|          |          |  |               |              |  |  |  |
|----------|----------|--|---------------|--------------|--|--|--|
| 30" D.D. | 10" wide |  | <i>lining</i> | <b>4677A</b> |  |  |  |
| 30" D.D. | 10" wide |  | <i>lining</i> | <b>4677B</b> |  |  |  |
| 30" D.D. | 12" wide |  | <i>lining</i> | <b>4679</b>  |  |  |  |
| 30" D.D. | 12" wide |  | <i>lining</i> | <b>4679A</b> |  |  |  |
| 30" D.D. | 12" wide |  | <i>lining</i> | <b>4679B</b> |  |  |  |
| 36" D.D. | 12" wide |  | <i>lining</i> | <b>4681</b>  |  |  |  |
| 36" D.D. | 12" wide |  | <i>lining</i> | <b>4681A</b> |  |  |  |
| 36" D.D. | 12" wide |  | <i>lining</i> | <b>4681B</b> |  |  |  |
| 36" D.D. | 14" wide |  | <i>lining</i> | <b>4683</b>  |  |  |  |
| 36" D.D. | 14" wide |  | <i>lining</i> | <b>4683A</b> |  |  |  |
| 36" D.D. | 14" wide |  | <i>lining</i> | <b>4683B</b> |  |  |  |
| 40" D.D. | 5" wide  |  | <i>lining</i> | <b>4680</b>  |  |  |  |
| 42" D.D. | 10" wide |  | <i>lining</i> | <b>4682</b>  |  |  |  |
| 42" D.D. | 10" wide |  | <i>lining</i> | <b>4682A</b> |  |  |  |
| 42" D.D. | 10" wide |  | <i>lining</i> | <b>4682B</b> |  |  |  |
| 42" D.D. | 12" wide |  | <i>lining</i> | <b>4687</b>  |  |  |  |
| 42" D.D. | 12" wide |  | <i>lining</i> | <b>4687A</b> |  |  |  |
| 42" D.D. | 14" wide |  | <i>lining</i> | <b>4689</b>  |  |  |  |
| 42" D.D. | 14" wide |  | <i>lining</i> | <b>4689A</b> |  |  |  |

### STANDARD FORGE & AXLE

| <b>D.D. (Drum Diameter)</b> |             |  |               | <b>FRONT</b> | <b>REAR</b> |  |  |
|-----------------------------|-------------|--|---------------|--------------|-------------|--|--|
| 16.1/2" D.D.                | 8.5/8" wide |  | <i>lining</i> | <b>4551</b>  |             |  |  |
| 16.1/2" D.D.                | 10" wide    |  | <i>lining</i> | <b>4552</b>  |             |  |  |
| 16.1/2" D.D.                | 10" wide    |  | <i>lining</i> | <b>4567</b>  |             |  |  |
| 16.1/2" D.D.                | 10" wide    |  | <i>lining</i> | <b>4567A</b> |             |  |  |
| 17.1/4" D.D.                | 8" wide     |  | <i>lining</i> | <b>4566</b>  |             |  |  |
| 17.1/4" D.D.                | 8" wide     |  | <i>lining</i> | <b>4566A</b> |             |  |  |
| 18" D.D.                    | 7" wide     |  | <i>lining</i> | <b>4282</b>  |             |  |  |
| 20" D.D.                    | 8" wide     |  | <i>lining</i> | <b>4350A</b> |             |  |  |

### TEREX

| <b>R65, 3311</b>                         |                        |                        |               | <b>FRONT</b> | <b>REAR</b>  |             |                        |
|--|------------------------|------------------------|---------------|--------------|--------------|-------------|------------------------|
| non-dated                                | R65, 3311              | 42 x 12                | <i>lining</i> | <b>4687</b>  |              |             |                        |
| non-dated                                | R65, 3311              | 42 x 12                | <i>lining</i> | <b>4687A</b> |              |             |                        |
| <b>3315A</b>                             |                        |                        |               | <b>FRONT</b> | <b>REAR</b>  |             |                        |
| non-dated                                | 3315A                  | 42 x 12F, 14R          | <i>lining</i> | <b>4687</b>  | <b>4689</b>  |             |                        |
| non-dated                                | 3315A                  | 42 x 12F, 14R          | <i>lining</i> | <b>4687A</b> | <b>4689A</b> |             |                        |
| <b>2366, 2566 ARTICULATED DUMP TRUCK</b> |                        |                        |               | <b>FRONT</b> | <b>REAR</b>  |             |                        |
| non-dated                                | Articulated Dump Truck | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b> | <b>30001</b> | <i>disc</i> | 10.945 x 3.385 x 0.866 |
| <b>ALL MODELS DUMPER</b>                 |                        |                        |               | <b>FRONT</b> | <b>REAR</b>  |             |                        |
| non-dated                                | All Models Dumper      | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b> | <b>30001</b> | <i>disc</i> | 10.945 x 3.385 x 0.866 |

| <b>72-11 LOADER</b>                      |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
|--|-------------------------------------|------------------------|---------------|-----------------|-----------------|-------------|------------------------|--|
| non-dated                                | 72-11 Loader                        | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30001</b>    | <i>disc</i> | 10.945 x 3.385 x 0.866 |  |
| <b>80C, 85, 90 LOADER</b>                |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                | 80C, 85, 90 Loader                  | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30001</b>    | <i>disc</i> | 10.945 x 3.385 x 0.866 |  |
| <b>7231B, 7251B HAUL TRUCK</b>           |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                | 7231B, 7251B Haul Truck             | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30001</b>    | <i>disc</i> | 10.945 x 3.385 x 0.866 |  |
| <b>VERONA</b>                            |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| 2004                                     | Verona                              |                        | 7936          | <b>D1031</b>    | <b>D1030</b>    | 7936        |                        |  |
| <b>TROJAN</b>                            |                                     |                        |               |                 |                 |             |                        |  |
| <b>2500, 3000, 4000E</b>                 |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                | Loader                              | 6.968 x 2.913 x 0.866  | <i>disc</i>   | <b>30007</b>    | <b>30018</b>    | <i>disc</i> |                        |  |
| <b>VOLVO - B.M.</b>                      |                                     |                        |               |                 |                 |             |                        |  |
| <b>4300 Type1 ARTICULATED DUMP TRUCK</b> |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                | 4300 Type 1, Articulated Dump Truck | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30007</b>    |             | or 30018               |  |
| <b>All Models, Excavator</b>             |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                |                                     | 15.63 x 4.921 x 1.102  | <i>disc</i>   | <b>30020/21</b> | <b>30020/21</b> | <i>disc</i> | 15.63 x 4.921 x 1.102  |  |
| <b>LM218, LM846 Tractor</b>              |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                |                                     | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30001</b>    |             | 10.945 x 3.385 x 0.866 |  |
| <b>GM612, SM872 Tractor</b>              |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                |                                     | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    | <b>30001</b>    |             | 10.945 x 3.385 x 0.866 |  |
| <b>WABCO</b>                             |                                     |                        |               |                 |                 |             |                        |  |
| <b>170 Dump Truck</b>                    |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                |                                     | 12.638 x 6.142 x 1.496 | <i>disc</i>   | <b>30022</b>    |                 |             |                        |  |
| <b>All Other Models, Dump Trucks</b>     |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                |                                     | 10.945 x 3.385 x 0.866 | <i>disc</i>   | <b>30001</b>    |                 |             |                        |  |
| non-dated                                | 36" x 14" D.D.                      |                        | <i>lining</i> | <b>4683</b>     |                 |             |                        |  |
| non-dated                                | 36" x 14" D.D.                      |                        |               | <b>4683A</b>    |                 |             |                        |  |
| non-dated                                | 36" x 14" D.D.                      |                        |               | <b>4683B</b>    |                 |             |                        |  |
| non-dated                                | Disc Pad                            |                        | 7041          | <b>D105</b>     |                 |             |                        |  |
| <b>WAGNER MINING</b>                     |                                     |                        |               |                 |                 |             |                        |  |
| <b>Wagner Mining</b>                     |                                     |                        |               |                 | <b>FRONT</b>    | <b>REAR</b> |                        |  |
| non-dated                                | All                                 | 12.638 x 6.142 x 1.496 | <i>disc</i>   | <b>30022</b>    |                 |             |                        |  |

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