

# Multipurpose INDUSTRIAL GREASE

## EXTREME PRESSURE PERFORMANCE FROM -40°F TO 615°F!

### THE MOST POWERFUL GREASE ON THE MARKET!

This **HEAVY DUTY, NLGI 2, ASTM Tested** grease delivers outstanding extreme pressure protection to help maximize equipment life and performance, and help save energy, even under the harshest conditions.

And with no harmful additives, this premium grease is environmentally friendly!

### TYPICAL PROPERTIES

|   |                    |
|---|--------------------|
| NLGI Grade  | 2                  |
| Color   | Blue               |
| Thickener   | Calcium Complex    |
| Operating temperature range                                     | -40°F to 615°F     |
| Kinematic viscosity of base oils @40°C (ASTM 445)               | 216 cSt (1000 SUS) |
| Penetration @ 25°C (77°F) (ASTM D-217), mm/10                   | 270-295            |
| Worked 60 strokes   |                    |
| Mechanical Stability (ASTM D-217) % change from P60             | 2.5%               |
| P100,000 strokes  | <6.0%              |
| P10,000 strokes with 50% H2O                                    | +572 (+300)        |
| Dropping Point (ASTM D-2265) °F (°C)                            | 0.17               |
| Oil Separation (ASTM D-1742) –24 hours @ 25°C (77°F)            | <4.0%              |
| Shell Roll Stability (ASTM D-1831)                              | 6.0lbs             |
| Oxidation Stability (ASTM D-942) psi drop/500 hours             | 200hours           |
| Oxidation Bearing Life (ASTM D-3527)                            | 0.42mm             |
| 4-Ball Wear Test (ASTM D-2266)mm scar, 40kg, 1200 RPM, 75°F, 1H | >75                |
| 4-Ball EP test (ASTM D-2596) LWI, kg                            | 600                |
| Weld Load, kgf  | 60/27              |
| Timken OK Load (ASTM D-2509) lbs/kg                             | Pass               |
| Rust test (ASTM D-1743)   | Pass               |
| Copper Corrosion test (ASTM D-130)                              | Pass/1b            |
| Salt Fog Spray (ASTM B-117) hours to failure                    | >1000 hours        |
| Water Washout (ASTM D-1264) @ 80°C, % loss                      | <1.42%             |
| Wheel bearing leakage grams (ASTM D-1263)                       | 0.4                |
| Modified @ 163°C (325°F)  | 1100               |
| Base Oil Characteristics  | 85                 |
| Viscosity SUS @ 100°F   | +5                 |
| Viscosity SUS @ 210°F   | 95                 |
| Pour Point, °F  | H2                 |
| V.I. Min  |                    |
| NSF   |                    |

### ADVANTAGES:

- Extreme pressure protection
- Extreme temperature range
- Heavy load carrying capability
- Shear stability
- Oxidation resistant
- Corrosion resistant
- Water resistant
- Reduces noise
- Reduces downtime
- Reduces power consumption
- Cling capability

### APPROVED BY FORD - TOX# 185984

| Number | Size                   | Case Pack |
|--------|------------------------|-----------|
| 46014  | 14 oz./ 397g Cartridge | 12        |
| 46035  | 35 lb./ 15.9 kg Pail   | 1         |
| 46120  | 120 lb./ 54.4 kg Keg   | 1         |
| 46400  | 400 lb./ 181.4 kg Drum | 1         |