

615

HTG #1

APPLICATION AREAS

- All types of anti-friction bearings, roller bearings and ball bearings
 - Conveyors
 - Grinding Mills
 - Blowers
 - Crushers
- Mechanical Presses
- Cranes/Guides/Slides



PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- Superior resistance to water washout
- Exceptional shear and roll resistance
- Will not bleed or age harden
- NSF H2 – Registration number 133941
- Easily pumpable in automatic grease dispensing systems
- Superior choice for extremes in pressure and temperature
- ISO L-XCDB1
- DIN 51 502-KPF 2P-30

PACKAGING

| | |
|-------|--------|
| 400 g | 55 kg |
| 18 kg | 180 kg |

DIRECTIONS

Apply with a grease gun, or brush on for local applications. Before using, wipe grease fittings to remove contamination. Keep grease container closed when not in use. Reapply at regular intervals.

DESCRIPTION

Chesterton® 615 HTG #1 is the versatile performer needed in all applications requiring a heavy duty NLGI #1 grease.

The outstanding extreme pressure characteristics of this grease, coupled with its excellent water wash out resistance make it a truly superior choice for tough applications. The corrosion protection provided to surfaces lubricated with 615 is far greater than virtually all competitive greases. Unlike many NLGI #1 greases, 615 will not bleed or age harden. It can be pumped through grease dispensing systems with ease permitting labor savings through automation.

It is important when choosing a lubricant to select the lightest lubricant that will effectively reduce friction and wear between moving parts. An NLGI #1 grease becomes especially important at higher bearing speeds and/or in equipment subject to very low temperatures.

TYPICAL PHYSICAL PROPERTIES

| | |
|---|--------------------------------------|
| Appearance | Blue-Green |
| Consistency, NLGI | 1 |
| Texture | Buttery with slight tack |
| Thickener | Calcium Sulfonate Complex |
| Specific Gravity | 0.97 |
| Dropping Point (ASTM D 566, DIN 51 801/1) | 300°C (572°F) |
| Penetration (ASTM D 217, DIN ISO 2137) | 310 – 340 |
| Timken OK Load (ASTM D 2509) | 27 kg (60 lbs) |
| Four Ball Wear Test (ASTM D 2266, DIN 51 350/5) Scar diameter | 0.4 mm |
| Four Ball Wear Test (ASTM D 2596, DIN 51 350/4) Weld Load Wear Index | 620 kg (1364 lbs) 70 |
| Operating Temperature (above 170°C, increased lubrication frequency is required) | -45°C (-50°F) — 204°C (400°F) |
| Shear Stability (ASTM D 217), % Change 10000 strokes 100000 strokes | +1.4% +2.8% |
| Oil Separation (ASTM D 1742), % loss | 0.2% |
| Wheel Bearing Life (ASTM D 3527) | 120 hrs |
| Water Washout (ASTM D 1264) | <1.0% |
| Corrosion Resistance (ASTM B 117), 5% NaCl | >1000 hrs @ 50 micron film thickness |
| Base Oil Viscosity (ASTM 445) @ 40°C @ 100°C | 100 cSt 12 cSt |
| Viscosity Index | 110 |

Before using this product, please refer to Safety Data Sheet (SDS).

