CHESTERTON
Global Solutions, Local Service.

615

HTG #2







PRODUCT DATA SHEET

APPLICATION AREAS

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



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

KEY FEATURES AND BENEFITS

- Superior resistance to water washout
- Exceptional shear resistance
- Compatible with most greases
- NSF H2 - Registration number 133940
- Contains no toxic heavy metals
- Excellent for extremes in pressure and temperature

PACKAGING

400 g 18 kg 55 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 #2 is the one grease to use for the most demanding of lubrication needs. It is a multi-purpose workhorse with outstanding extreme pressure capabilities. With a temperature limit of 204˚C, it performs at temperatures well beyond that of most conventional petroleum greases.

The product is compatible with most other popular greases, has outstanding shear resistance and excellent corrosion resistance. Even when up to 50% water is incorporated into the product, the grease maintains its protective film and can withstand extremes of pressure.

Uses for Chesterton 615 HTG #2 can be found throughout any industrial plant. It is especially advantageous where there is a high water environment such as in a pulp and paper mill, extremes of pressure such as in mining operations, or extremes of temperature such as in steel mills.

TYPICAL PHYSICAL PROPERTIES

Appearance	Blue-Green
Consistency, NLGI	2
Texture	Buttery with slight tack
Specific Gravity	0.97
Dropping Point (ASTM D 566, DIN 51 801/1)	318°C (604°F)
Penetration (ASTM D 217, DIN ISO 2137)	265 – 295
Timken OK Load	29.5 kg (65 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 kgf (6080 N) 85
Operating Temperature (above 170°C, increased lubrication frequency is required)	 -40°C (-40°F) — 204°C (400°F)
Shear Stability (ASTM D 217), % Change 10000 strokes 100000 strokes	 +2% +4%
Oil Separation (ASTM D 1742), % loss	0.2%
Wheel Bearing Life (ASTM D 3527)	120 hrs
Water Washout (ASTM D 1264)	< 0.05%
Corrosion Resistance (ASTM B 117), 5% Nacl	>1000 hrs @ 50 micron film thickness
Base Oil Viscosity (ASTM 445) @ 40°C @ 100°C Viscosity Index	 100 cSt 12 cSt 110

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