CHESTERTON
Global Solutions, Local Service.

615

HTG #1

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 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-XCDIB1
- DIN 51 502-KPF 2P-30

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 #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 Load Wear Index	 620 kgf (1367 lbf) 70
Operating Temperature (above 170°C, increased lubrication frequency is required)	-45 °C (-50 °F) – 204 °C (400 °F)
Sheer Stability (ASTM D 217), % Change 10,000 strokes 100,000 strokes	 +1,4 % +2,8 %
Oil Separation (ASTM D 1742), % loss	0.2%
Bearing Service Life (ASTM D 3527)	120 hours
Water Washout (ASTM D 1264)	<1.0%
Corrosion Resistance (ASTM B 117), 5% Nacl film thickness	>1000 hrs @ 50 microns
Base Oil Viscosity (ASTM 445) @ 40 °C @ 100 °C Viscosity index	 100 cSt 12 cSt 110

CHESTERTON
Global Solutions, Local Service.

860 Salem Street, Groveland, MA 01834 USA
978-469-6888 chesterton.com
© 2026 A.W. Chesterton Company
® Registered trademark owned by A.W. Chesterton Company in USA and other countries, unless otherwise noted.

Technical Data reflects results of laboratory tests and is intended to indicate general characteristics only. Since many actual application circumstances are beyond Chesterton's knowledge and/or control, the product user must determine the suitability of the products it intends to use for its particular purpose and assume all risks and liabilities in connection therewith. CHESTERTON DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
Form No. 071538 10/26