CHESTERTON
Global Solutions, Local Service.

615(E)

HTG #2 460







PRODUCT DATA SHEET

APPLICATION AREAS

- *Bearings*
- *Conveyors*
- *Grinding Mills*
- *Blowers*
- *Crushers*
- *Mechanical Presses*
- *Cranes/Guides/Slides*



KEY FEATURES AND BENEFITS

- Superior resistance to water washout
- Exceptional shear resistance
- Compatible with most greases
- Contains no toxic heavy metals
- Excellent for extremes in pressure and temperature
- ISO 12924: L-XD GIB2
- DIN 51502:KP2S-40

PACKAGING

400g
18kg
180kg

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(E) HTG #2 460 is the one grease to use for the most demanding of lubrication needs. It is a multipurpose work-horse 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(E) HTG #2 460 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	Brown
Consistency, NLGI	2
Texture	Smooth
Specific Gravity	1.0
Dropping Point (ASTM D 566, DIN 51 801/1)	>280°C (536°F)
Penetration (ASTM D 217, DIN ISO 2137)	265-295
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	 650 Kg (1433 lbs) 65
Operating Temperature (above 170°C, increased lubrication frequency is required)	-40°C (-40°F) to 204°C (400°F)
Oil Separation (IP 121)	0.2 %
Water Washout (ASTM D 1264) @ 79°C (175°F)	1.0 %
Corrosion Resistance (ASTM B 117), 5% Nacl	>1000 hrs @ 50 micron film thickness
Base oil viscosity (ASTM D 7152) @ 40°C @ 100°C	 450 mm²/s 31 mm²/s

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

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