

**GEARGARD**

Mobil Industrial , Canada

HIGH PERFORMANCE OPEN GEAR LUBRICANT

**Product Description**

GEARGARD™ is a high performance, semi synthetic lubricant designed for use on open gears in grinding mills (Rod, Ball and SAG mills). GEARGARD is formulated high flash point non-chlorinated diluent to facilitate dispensing through typical mill auto-greasing systems. After application, the solvent is designed to evaporate, leaving an adhesive and cohesive high-viscosity lubricating film. GEARGARD contains additives that provide potent extreme-pressure (EP) protection and excellent rust corrosion prevention characteristics.

**Features and Benefits**

GEARGARD is designed with the following special features:

- Adhesive lubricant fortified with high viscosity synthetics
- Potent EP properties and excellent rust protection
- Excellent scuffing and scoring protection as demonstrated by the 13+ FZG load stage
- Contains a solvent to facilitate application
- Provides a robust high viscosity film on the metal surface
- Designed to flow freely from gear guards

**Applications**

GEARGARD can be mopped, poured, dripped or sprayed onto the points to be lubricated.

Contact Imperial Oil marketing technical services for further information when considering

GEARGARD for shovel applications.

**Properties and Specifications**

Property	
Grade	5K
Appearance, Visual	Black and Smooth
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	400
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445(b)	5000
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445(c)	1500

**Health and safety**

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)  
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