Mobil

Geargard HVS

Mobil Industrial , Brazil

High Performance, Ultra-High Viscosity Open Gear Fluid

Product Description

GEARGARD HVS is an ultra-high viscosity lubricant, primarily intended for use in heavily loaded, low and medium speed open gears that may operate in boundary lubrication conditions. It is formulated with an ultra-high viscosity synthetic fluid and extreme pressure additives that provide outstanding performance under severe high and low temperature conditions. Geargard HVS is formulated to dispense very well in cold ambient temperatures as low as -10°C, while also providing excellent protection for gears operating in hot ambient conditions.

Features and Benefits

GEARGARD HVS offers the following features and potential benefits when compared to conventional asphaltic diluent containing open gear lubricants.

Extended gear life provided by its ultra-high viscosity baseoil, excellent load carrying, antiwear, and adhesive properties.

Excellent pumpability at low and high ambient temperatures with conventional dispensing equipment.

Less frequent clean-up of the gear teeth and guard, helping to reduce the amount of maintenance and inspection work necessary on critical open gear systems. A clear product that enables visual inspection of the gears in operation.

Applications

GEARGARD HVS is designed to meet and exceed the requirements for the lubrication of heavily loaded grinding mills used in severe mining service.

Properties and Specifications

Property	
Flash Point, Tag Closed Cup, °C, ASTM D56	110
ASTM Color, ASTM D1500	Amber
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.5
Timken OK Load, kg, ASTM D2509	70
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1B
Rust Prevention, ASTM D665-PROB	Pass
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	400
Viscosity, Apparent @ 20 s-1, -10 C, P, ASTM D1092	5000
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	1350

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.aspx

08-2021
Cosan Lubrificantes e Especialidades S.A.

Praia da Ribeira, 01

21930-080 Rio de Janeiro – RJ - BRASIL
Tel: 0800 644 1562

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

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.