MOBILGREASE™ 320 MOLY SERIES

Mobil Grease , Thailand

High Performance Extreme Pressure Grease

Product Description

Mobilgrease 320 Moly series are high performance extreme-pressure greases. They are based on highly refined mineral oil, specially formulated with a lithium thickener system and contains 3% moly (molybdenum disulphide) for added wear protection. It also contains an extreme pressure additive for exceptional wear protection under harshest operating conditions, as well as other additives for oxidation resistance and rust protection which protect machines and ensure strong reliable performance.

Mobilgrease 320 Moly series is well-suited in mining and construction equipment for lubricating highly loaded plain and antifriction bearings and other applications where the 3% moly will provide superior protection. Highly cost effective grease solution for off-highway applications which require frequent re-greasing, and enhance machine performance.

Features and Benefits

Mobilgrease 320 Moly series offers excellent rust and corrosion protection, superior load carrying performance and good resistance to oxidation.

- Reduced maintenance and longer equipment life
- Exceptional wear protection in extreme conditions
- Increased reliability and performance

Applications

Mobilgrease 320 Moly series is recommended for heavily-loaded applications where frequent re-greasing is required due to leakage or contamination and a cost effective grease is required.

- Heavy duty bearings subject to shock loading
- Slow rotating bearings subject to extreme pressure
- Plain sleeve bearings

Properties and Specifications

Property	MOBILGREASE 321 MOLY	MOBILGREASE 322 MOLY
Grade	NLGI 1	NLGI 2
Thickener Type	Grease - Lithium	Grease - Lithium
Base Oil Viscosity of Greases @ 40 C, mm2/s, AMS 1697	320	320
Color, Visual	Grey	Grey
Copper Strip Corrosion, Rating, ASTM D4048	1A	1A
Corrosion Preventive Properties, Rating, ASTM D1743	Pass	Pass
Dropping Point, °C, ASTM D2265	190	190
Four-Ball Extreme Pressure Test, Weld Load, kgf, ASTM D2596	315	315

Property	MOBILGREASE 321 MOLY	MOBILGREASE 322 MOLY
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.5	0.5
Molybdenum Disulfide Content, wt %, CALCULATED	3	3
Penetration, 60X, 0.1 mm, ASTM D217	325	280
SKF Emcor Rust Test, Distilled Water, ASTM D6138	0,0	0,0
Timken OK Load, lb, ASTM D2509	40	40

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

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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

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