



Mobilgrease™ 462 Moly

Mobil Grease , Indonesia

High Performance Extreme Pressure Grease

Product Description

Mobilgrease 462 Moly 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.

Features and Benefits

Features	Advantages and Potential Benefits
Mobilgrease 462 Moly offers excellent rust and corrosion protection, superior load carrying performance and good resistance to oxidation.	Mobilgrease 462 Moly is recommended for heavily-loaded applications where frequent re-greasing is required due to leakage or contamination and a cost effective grease is required.
Reduced maintenance and longer equipment life	Heavy duty bearings subject to shock loading
Exceptional wear protection in extreme conditions	Slow rotating bearings subject to extreme pressure
Increased reliability and performance	Plain sleeve bearings

Applications

Mobilgrease 462 Moly 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.

Properties and Specifications

Property	
Grade	NLGI 2
Thickener Type	Lithium Greases
Molybdenum Disulfide Content, wt %, CALCULATED	3
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	620
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.5
Corrosion Preventive Properties, Rating, ASTM D1743	PASS
Color, Visual	Gray
Dropping Point, °C, ASTM D2265	>195

Property	
Penetration, Unworked, 0.1 mm, ASTM D217	290
Penetration, 60X, 0.1 mm, ASTM D217	290
Base Oil Viscosity of Greases @ 40 C, mm ² /s, AMS 1697	460

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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