



Mobilux™ XP 462

Mobil Grease , Brazil

Mobil Grease, General Purpose Antifriction Grease.

Product Description

Mobilux™ XP 462 is a high performance lithium hydroxystearate grease formulated to help in reducing friction between parts in movement and last longer when compared with conventional greases. It also provides extra protection against wear, rusting and water washout. Mobilux XP 462 is a NLGI 2 grease and is blended with an ISO VG 460 viscosity oil.

Mobilux XP 462 is recommended for a wide range of industrial applications including heavy-duty applications where high shock loads are present. This grease is suitable for equipment where moist or wet conditions are common based on its excellent protection against rust and corrosion and resistance to water wash-out. Mobilux XP 462 is a general-purpose grease. The recommended operating temperature range is from -20°C to 120°C but they may be used at higher temperatures if the lubrication frequency is increased accordingly.

Features and Benefits

Mobilux XP 462 provides good performance in the areas of friction and corrosion protection and long service life. It also provides good load carrying and extreme pressure.

Mobilux XP 462 uses specially selected additives to provide excellent rust and corrosion control, resistance to water contamination as well as anti-wear and EP protection. Mobilux XP 462 grease offers the following features and potential benefits:

Features	Advantages and Potential Benefits
Improved protection against wear under heavy or shock loading and vibration	Better components protection for equipment reliability and availability
Resistance to water washout	Protection against rust and corrosion and good lubrication even in presence of water
Improved anti wear and extreme pressure capabilities	Extended bearing life for reduced maintenance costs and unplanned downtime

Applications

Mobilux XP 462 can be used in mechanical components used in industrial, automotive, construction and marine applications. The light brown color of Mobilux XP 462 enables easy verification of application. With its high, ISO VG 460 base oil viscosity, this grease is recommended for high load applications at slow-to-moderate speeds, including most bearing applications in the paper, construction, and mining industries, as well as off-highway vehicles.

Specifications and Approvals

This product meets or exceeds the requirements of:
DIN 51825: 2004-06 KP2K-20

Properties and Specifications

Property	
Grade	NLGI 2
Thickener Type	Grease
Color, Visual	Light Brown
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.47
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	250
Oxidation Stability, Pressure Drop, 100 h, kPa, ASTM D942	23
Dropping Point, °C, ASTM D2265	265
Penetration, 60X, 0.1 mm, ASTM D217	265
Base Oil Viscosity of Greases @ 40 C, mm ² /s, AMS 1697	460
Water Washout, Loss @ 79 C, wt%, ASTM D1264	6.1

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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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

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