



Mobilux™ XP 462

Mobil Grease , Uruguay

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

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| 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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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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