Mobilux™ EP 111

Mobil Grease , United States

Grease

Product Description

Mobilux EP 111 is an extra high performance grease primarily designed for lubrication of all AGMA CG-3 couplings. It is specifically formulated to help protect against wear even in heavily loaded misaligned low speed gear couplings. Mobilux EP 111 is a lithium hydroxystearate grease formulated with an extremely heavy, viscous mineral base oil. Mobilux EP 111 also contains an oil soluble molybdenum additive, as well as a very effective corrosion inhibitor. It is an NLGI 1 Grade grease.

Mobilux EP 111 has shown excellent performance and protection in a broad range of industries. Based on its longstanding performance capabilities, this grease has become the product of choice for many users.

Features and Benefits

The Mobilux brand of products is well known and highly regarded world-wide based on their very good performance over an extended period. The excellent qualities of one of these lubricants in this family, Mobilux EP 111, have made it the choice of many users.

Mobilux EP 111 enjoys an excellent reputation in the lubrication of all types of heavily loaded couplings in a wide variety of applications, and offers the following advantages and potential benefits:

Features	Advantages and Potential Benefits
Very good viscometrics and wear protection	Extended coupling protection and coupling life: helping to reduce maintenance replacement costs
Resists oil separation	Less oil leakage helping to reduce lubricant consumption
Good high temperature stability	Long grease life helping extend relubrication intervals
Good resistance to rust and corrosion	Maintains grease performance even in presence of water

Applications

Mobilux EP 111 is recommended for all types of heavily loaded lubricated couplings. Mobilux EP 111 has a recommended operating temperature range of -10 to 120° C. Mobilux EP 111 has performed very well in the following applications:

- Gear and grid couplings
- Spring and slipper joint couplings
- Spindle (gear) and chain couplings
- Low speed open gears and plain bearings

Specifications and Approvals

This product meets or exceeds the requirements of:
AGMA CG-3

Properties and Specifications

Property	
Grade	NLGI 1
Thickener Type	Lithium
Base Oil Viscosity of Greases @ 100 C, mm2/s, AMS 1700	45
Color, Visual	Black
Corrosion Preventive Properties, Rating, ASTM D1743	PASS
Dropping Point, °C, ASTM D2265	180
Four-Ball Extreme Pressure Test, Weld Load, kgf, ASTM D2596	315
Four-Ball Wear Test, Scar Diameter, 40 kg, 1200 rpm, 1 h, 75 C, mm, ASTM D2266	0.4
Penetration, 60X, 0.1 mm, ASTM D217	325
Timken OK Load, lb, ASTM D2509	50

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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