Mobilux™ EP 0, 1, 2

Mobil Grease , Japan

Grease Oil

Product Description

Mobilux EP 0, 1, and 2 products are a high performance family of general-purpose industrial greases. These lithium hydroxystearate greases are formulated to provide extra protection against wear, rusting and water washout. They are available in NLGI grades ranging from 0 to 2, with base oil viscosities ISO VG 150.

Mobilux EP 0, 1, and 2 greases are recommended for most types of industrial applications including heavy-duty applications where high unit pressures or shock loads are present. These greases provide excellent protection against rust and corrosion and resist water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common. Mobilux EP 0 and 1 are suitable for centralised systems. Mobilux EP 2 are general-purpose greases. The recommended operating temperature range is from -20°C to 130°C, but they may be used at higher temperatures if the lubrication frequency is increased accordingly.

Features and Benefits

Mobilux EP greases have a long history of proven performance and have demonstrated superior performance versus competitive products in the areas of corrosion protection, low temperature pumpability and high temperature service life. A Timken OK load of 40 lb illustrates their load carrying and extreme pressure capability.

- Reduced wear under heavy or shock loading and vibration for good equipment reliability and availability
- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water
- Extended bearing life potential in wet environments for reduced bearing costs and unanticipated downtime
- Good pumpability in centralised systems (Mobilux EP 0 and 1)

Applications

- Mobilux EP 0 and EP 1 provide good low temperature pumpability and are suitable for centralised lubrication systems and other applications where low temperature performance is required.
- Mobilux EP 2 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.

Specifications and Approvals

This product meets or exceeds the requirements of:	MOBILUX EP 0	MOBILUX EP 1	MOBILUX EP 2
DIN 51825:2004-06 - KP 1 K -20		X	
DIN 51825:2004-06 - KP 2 K -20			X
DIN 51826: 2005-01 GP0G-10	X		

Properties and Specifications

Property	MOBILUX EP 0	MOBILUX EP 1	MOBILUX EP 2
Grade	NLGI 0	NLGI 1	NLGI 2

Property	MOBILUX EP 0	MOBILUX EP 1	MOBILUX EP 2
Thickener Type	Lithium	Lithium	Lithium
Copper Strip Corrosion, 24 h, 100 C, Rating, ASTM D4048	1A	1A	1A
Dropping Point, °C, ASTM D2265	190	190	190
Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596	250	250	250
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.4	0.4	0.4
Penetration, 60X, 0.1 mm, ASTM D217	370	325	280
SKF Emcor Rust Test, Distilled Water, ASTM D6138	0 , 0	0 , 0	0 , 0
Timken OK Load, lb, ASTM D2509	40	40	40
Viscosity @ 100 C, Base Oil, mm2/s, ASTM D445	14.8	14.8	14.8
Viscosity @ 40 C, Base Oil, mm2/s, ASTM D445	160	160	160
Viscosity Index, ASTM D2270	91	91	91

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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01-2024

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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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