



## Mobilux™ EP Series

Mobil Grease , Bahrain

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:			
DIN 51825:2004-06 - KP 1 K -20		X	
DIN 51825:2004-06 - KP 2 K -20			X
DIN 51826: 2005-01 GPOG-10	X		

### Properties and Specifications

Property	MOBILUX EP 0	MOBILUX EP 1	MOBILUX EP 2
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Grade	NLGI 0	NLGI 1	NLGI 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, mm <sup>2</sup> /s, ASTM D445	14.8	14.8	14.8
Viscosity @ 40 C, Base Oil, mm <sup>2</sup> /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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