

## ExxonMobil 1 Mobilux EP

Category : Fluid , Lubricant , Lithium Gellant

### Material Notes:

Mobilux EP 0, 1, 2, 3, and 023 products are a high performance family of five general-purpose industrial greases and two special-duty semi-fluid 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 00 to 3, with base oil viscosities ISO VG 150, 320 and 460. Mobilux EP 0, 1, 2, and 3 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 and 3 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. Mobilux EP 023 is particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases they can also be used in many other industrial applications where conventional gear oils cannot be retained in gear cases, chain cases, etc. because of leakage due to worn or missing seals. The recommended operating temperature range is -15 to 120°C for Mobilux EP 023. 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.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-1-Mobilux-EP.php](http://www.lookpolymers.com/polymer_ExxonMobil-1-Mobilux-EP.php)

Physical Properties	Metric	English	Comments
Kinematic Viscosity at 40°C (104°F)	160 cSt	160 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	250 kg	551 lb (mass)	ASTM D2596
Four Ball Wear	0.400 mm	0.0157 in	ASTM D2266
Penetration	325	325	Worked, 25°C; ASTM D217
Timken Test	18100 g	40.0 lb	

Thermal Properties	Metric	English	Comments
Dropping Point	190 °C	374 °F	ASTM D2265

Descriptive Properties	Value	Comments
Color	brown	
Rust Prevention, Distilled Water	pass	ASTM D665A
Soap/Thickener Type	lithium	

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