



Mobilgrease EP Series

Mobil Grease , India

Grease

Product Description

Mobilgrease EP series is a general purpose lithium hydroxystearate grease series formulated to provide protection against wear, corrosion and water washout. Available in five NLGI grades (00, 0, 1, 2 and 3) with a base oil viscosity of ISO VG 150 to address a variety of industrial and commercial vehicle applications.

Mobilgrease EP series 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 protection against rust and corrosion and resist water wash-out. The recommended operating temperature range is from -20°C to 130°C but may be used at higher temperatures if the lubrication frequency is increased accordingly.

Features and Benefits

Mobilgrease EP greases are formulated with the advanced technology formulation to demonstrate good performance in the areas of corrosion protection, low temperature pumpability and high temperature service life.

- Reduced wear under heavy or shock loading and vibration for equipment reliability
- Protection against rust and corrosion and resistance to water washout
- Cost effective performance in applications where frequent re-greasing is necessary
- Good pumpability in centralised systems (Mobilgrease EP 00, 0 and 1)

Applications

- Mobilgrease EP 00, 0 and 1 provide good low temperature pumpability and are suitable for centralized lubrication systems and other applications where low temperature performance is required.
- Mobilgrease EP 2 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.
- Mobilgrease EP 3 is a stiffer NLGI grade 3 grease recommended for applications where maximum protection against penetration of water or solid contaminants is required.

Properties and Specifications

Property	MOBILGREASE EP 0	MOBILGREASE EP 1	MOBILGREASE EP 2	MOBILGREASE EP 3	MOBILGREASE EP 00
Grade	NLGI 0	NLGI 1	NLGI 2	NLGI 3	NLGI 00
Thickener Type	Lithium	Lithium	Lithium	Lithium	Grease - Lithium
Color, Visual	BROWN	BROWN	BROWN	BROWN	BROWN
Dropping Point, °C, ASTM D2265	190	190	190	190	
Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266	0.7 Max.	0.7 Max.	0.7 Max.	0.7 Max.	0.7 Max.
Penetration, Worked, 60X, 0.1 mm, ASTM D217	370	325	280	235	415

Property	MOBILGREASE EP 0	MOBILGREASE EP 1	MOBILGREASE EP 2	MOBILGREASE EP 3	MOBILGREASE EP 00
Viscosity @ 40 C, Base Oil, mm2/s, ASTM D445	150	150	150	150	150

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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