

Mobilux EP 0, 1, 2, 3, Grease

The Mobil logo, consisting of the word "Mobil" in a blue, sans-serif font, is positioned in the top right corner of the page. A large red curved line arches over the logo from the right edge of the page.

Product Description

Mobilux EP 0, 1, 2, 3 products are a high-performance family of four 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 3, with base oil viscosities ISO VG 150. Mobilux EP 0, 1, 2, 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 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.

Specifications

Recommended for use in applications requiring DIN 51826 - GPOOG; DIN 51825 - KP2K-20; SEW R32/302.

Benefits/Advantages

- Reduced wear under heavy or shock loading 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)

Application

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. Mobilux EP 3 is a stiffer NLGI Grade 3 grease recommended for applications where maximum protection against penetration of water or solid contaminants is required.



Typical Properties

Mobilux EP

NLGI Grade	0	1	2	3
Thickener Type	Lithium	Lithium	Lithium	Lithium
Color, Visual	Brown	Brown	Brown	Brown
Penetration at 25°C, D 217	370	325	280	235
Viscosity of Oil, D 445 cSt at 40°C	160	160	160	160
Timken OK Load, D 2509, lb	40	40	40	40
4-Ball Wear, D 2266, Scar, mm	0.4	0.4	0.4	0.4
4-Ball Weld Load, D 2596, Kg	250	250	250	250
Dropping Point, D 2265, C	190	190	190	190
Rust Protection, D 6138 Distilled Water	0-0	0-0	0-0	0-0

Health and Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on this product, including Material Safety Data Bulletins, is available on request from your local ExxonMobil company.

ExxonMobil Middle East Marketing Corporation
P.O. Box 33369, Dubai, U.A.E.

Mobilux EP 0, 1, 2, 3
November 2003 All rights reserved

Due to continual product research and development, the information contained herein is subject to change without notice.