

Mobilux EP 2

General Purpose Grease

Product Description

Mobilux EP 2 is a high performance, general-purpose industrial-type grease. This lithium hydroxystearate-based grease is formulated to provide extra protection against wear, rusting and water washout. It is NLGI Grade 2 with a base oil viscosity of ISO VG 150.

Mobilux EP 2 grease is recommended for most types of marine and industrial applications, including heavy-duty applications where high unit pressures or shock loads are present. This grease provides excellent protection against rust and corrosion and resists water wash-out which makes it particularly suitable for equipment where moist or wet conditions are common. Mobilux EP 2 is a general-purpose grease and is not normally recommended for use in

centralised grease systems. The recommended operating temperature range is from -20°C to 130°C, but it may be used at higher temperatures if the lubrication frequency is increased accordingly.

Features & Benefits

Mobilux EP 2 has a long history of proven performance and has 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 lbs illustrates its load carrying and extreme pressure capability.

Key product features and potential benefits include:

Features	Advantages and Potential Benefits
Very good resistance to thermal, oxidative and structural degradation	Extended grease life and improved bearing protection
Excellent resistance to water washout and spray-off	Assures proper lubrication and protection in wet environments
Excellent rust and corrosion resistance	Protection of critical bearing surfaces in aqueous environments
Very good antiwear and EP performance	Reliable protection of lubricated equipment, even under conditions of vibration and shock loading with potential for extended equipment life and reduced unscheduled downtime
Broad multipurpose application	Provides potential for inventory rationalisation and reduced inventory costs

Applications

Mobilux EP 2 is recommended for multipurpose use in normal to heavy-duty marine applications, including the lubrication of anti-friction and plain bearings, bushings and pins under normal operating conditions. It is particularly recommended where loads are high, shock loads are present, or where severe vibration is a problem. Mobilux EP 2 is suitable for the lubrication of flexible couplings. It is capable of lubricating bearings at ambient temperatures ranging from -20°C to 130°C. For continuous service at temperatures above 95°C, proper purging and relubrication frequencies are critical for maintenance of correct bearing protection.

The good water tolerance and rust and corrosion protection of Mobilux EP 2 make it particularly suited for wet applications commonly found in marine environments. Mobilux EP 2 is compatible with some greases, particularly those made with lithium soap. Mixing of greases of different soap types, however, is not recommended. When replacing another grease with Mobilux EP 2 the previous grease should be completely cleaned or flushed from the system. Despite its unleaded extreme-pressure formulation, Mobilux EP 2 is not recommended for human or animal food processing or handling where contamination of the food could result.

Health & Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your sales contract office, or via the Internet on <http://www.exxonmobil.com>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Typical Properties	Mobilux EP 2
NLGI Grade	2
Thickener Type	Lithium
Color, Visual	Brown
Penetration, Worked, 25°C, ASTM D 217	280
Viscosity of Oil, ASTM D 445, cSt @ 40°C	160
Timken OK Load, ASTM D 2509, lb	40
4-Ball Wear, ASTM D 2266, Scar, mm	0.4
4-Ball Weld Load, ASTM D 2509, Kg	250
Dropping Point, D 2265, C	190
Rust Protection, ASTM D 6138, Distilled Water	0-0

Due to continual product research and development, the information contained herein is subject to change without notification. Typical properties may vary slightly.