



# MOBILUX EP 2

## 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.

## PROPERTIES & 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:

Properties	Potential advantages and 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 c 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.

## TYPICAL CHARACTERISTICS

<b>MOBILUX EP 2</b>	
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 40 D 2509, lb	40
4-Ball Wear, ASTM D 2266, Scar, mm	0.4
4-Ball Weld Load, ASTMD 2509, Kg	250
Dropping Point, D 2265, °C	190
Rust Protection, ASTM D 6138, Distilled Water	0-0

## 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).

The typical property values shown in the table are average figures given as a guide. They do not constitute a guarantee. Values may be modified without notice.