

Product Data Sheet

Mobilux EP 004 Semi-fluid Lithium Extreme Pressure Grease

Product Description

Mobilux EP 004 is a semi-fluid, NLGI Grade 00, lithium hydroxystearate grease. It contains a lead free extreme pressure additive for extra protection against wear under high or shock loading conditions and is formulated to provide good shear stability and extra protection against rust and corrosion.

Benefits

Mobilux EP 004 offers the following benefits:

- Effective leakage control
- Reduced wear under heavy or shock loading
- Protection against rust and corrosion
- Good structural stability
- Extended service life
- Lead and nitrite free

Application

Mobilux EP 004 is particularly suitable for the lubrication of enclosed gears and bearings in leaking gear cases on most underground mining machinery with the exception of electric motor bearings.

It 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 -25°C to 120°C.

Health and Safety

Based on available toxicological information, it has been determined that these products pose no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

	Test Method	Mobilux EP 004
NLGI Grade	ASTM D217	00
Soap Type		Lithium
Colour	Visual	Light Brown
Structure	Visual	Smooth
Penetration, worked	ASTM D217	415
Viscosity of Oil, cSt at 40°C	ASTM D445	150
Timken OK load, kg	ASTM D2509	16
4-Ball weld, kg	ASTM D2596	200
4-Ball wear, scar mm	ASTM D2256	0.5
Emcor distilled water washout test	IP 220 Mod.	0-0

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

Mobil Oil Company Limited
Acting as Agent for Mobil Lubricants UK Limited
ExxonMobil House, Ermyn Way
Leatherhead, Surrey, KT22 8UX
Telephone: 01372 22 2000

