

Mobilux EP 004 and 023

Semi-Fluid Lithium Extreme Pressure Greases

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 red curved line is visible above the logo.

Product Description

Mobilux EP 004 and Mobilux EP 023 are semi-fluid, NLGI Grade 00 and 000 lithium hydroxystearate greases. They contain a lead-free extreme pressure additive for extra protection against wear under high or shock loading conditions and are formulated to provide good shear stability and extra protection against rust and corrosion.

Benefits/Advantages

- 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 and Mobilux EP 023 are 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. They can 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 ranges are Mobilux EP 004, -25°C to 120°C and Mobilux EP 023, -15°C to 120°C.



Typical Properties

Mobilux EP	004	023
NLGI Grade, D217	00	000
Soap Type	Lithium	Lithium
Structure Type, Visual	Smooth	Smooth
Color	Light Brown	Light Brown
Penetration, Worked, D217	415	460
Viscosity of Oil, D445 cSt at 40°C	150	320
Timken OK Load, Kg, D2509	16	16
4-Ball Weld Load, kg, D2596	200	200
4-Ball Wear, scar mm, D2256	0.5	0.4
Emcor Distilled Water Washout, IP 220 Mod.	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.

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