

Product Data Sheet

Mobilgrease Special Lithium Extreme Pressure Grease

Product Description

Mobilgrease Special is an extreme pressure lithium grease. It is formulated to provide extra protection against wear, rust and corrosion, water washout and high temperature oxidation and contains molybdenum disulphide (moly) for added wear protection under sliding and oscillating conditions.

Benefits

Mobilgrease Special has a long history of proven performance in automotive applications and provides the following benefits:

- Reduced wear under heavy or shock loading and vibrations
- Excellent structural stability
- Extra protection against rust and corrosion
- Good resistance to water washout
- Good pumpability in centralised systems
- Extended life in wet environments
- Lead and nitrite free

Application

Mobilgrease Special is a multi-purpose, heavy duty automotive grease recommended for the lubrication of wheel bearings and chassis components of passenger cars, commercial vehicles, agricultural equipment, contractor, construction, mining and mobile equipment.

Due to the extra anti-wear protection provided by the addition of molybdenum disulphide (moly), Mobilgrease Special is particularly suitable for heavily loaded bearings under fretting or oscillating motion and for chassis parts operating under severe conditions.

The recommended operating temperature range is -20°C to +130°C with appropriate re-lubrication intervals.

Health and Safety

Based on available toxicological information, it has been determined that this product poses 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

Mobilgrease Special	Test Method	
NLGI Grade	ASTM D 217	2
Soap Type	-	Lithium
Colour	Visual	Grey/Black
Structure	Visual	Smooth
Penetration, Worked	ASTM D 217	280
Viscosity of Base Oil, cSt at 40°C	ASTM D 445	150
Dropping Point, °C	ASTM D 2265	180
Timken OK Load, Kg	ASTM D 2509	18
4-Ball Weld, Kg	ASTM D 2596	250
4-Ball Weld, Scar mm.	ASTM D 2266	0.4
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.

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