



## Mobilgrease™ Special

Mobil Grease , Austria

Grease

### Product Description

Mobilgrease Special is a high performance extreme pressure lithium hydroxystearate grease. It is formulated to provide protection against wear, rust and corrosion, water washout and high temperature oxidation. It also contains molybdenum disulphide (moly) for added wear protection.

Mobilgrease Special is a multi-purpose heavy duty automotive grease designed for use in passenger cars, trucks, farm tractors, contractor, construction, mining and mobile equipment. The recommended operating temperature range is -20° to 130°C. Due to the extra antiwear protection provided by the addition of moly, Mobilgrease Special is particularly suitable for heavily loaded bearings under fretting or oscillating or sliding motion.

### Features and Benefits

Mobilgrease Special is a member of the Mobilgrease brand of products, which has gained a worldwide reputation for innovation and performance excellence. Mobilgrease Special grease products are designed by ExxonMobil formulation technologists and backed by our worldwide technical support staff.

Mobilgrease Special was designed as a multipurpose heavy-duty grease for wheel bearings and chassis components in a wide range of automotive and industrial equipment. Mobilgrease Special offers the following features and potential benefits:

- Reduced wear under heavy or shock loading and vibrations for equipment protection and extended life under severe operating conditions
- Extra protection against rust and corrosion for reduced maintenance and downtime
- Good resistance to water washout ensures proper lubrication even in the presence of water contamination
- Good pumpability in centralised systems

### Applications

Mobilgrease Special is a multi-purpose heavy duty automotive grease designed for use in passenger cars, trucks, farm tractors, contractor, construction, mining and mobile equipment. Specific applications include:

- Wheel bearings, especially under fretting, oscillating or sliding motion
- Chassis components operating under severe conditions

### Properties and Specifications

| Property   |            |
|--|------------|
| Grade  | NLGI 2     |
| Thickener Type   | Lithium    |
| Base Oil Viscosity of Greases @ 40 C, mm <sup>2</sup> /s, AMS 1697 | 160        |
| Color, Visual  | Gray-Black |
| Dropping Point, °C, ASTM D2265                                     | 190        |
| Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596       | 250        |
| Four-Ball Wear Test, Scar Diameter, mm, ASTM D2266                 | 0.4        |

| Property  |      |
|---|------|
| Penetration, 60X, 0.1 mm, ASTM D217                 | 280  |
| Timken OK Load, kg, ASTM D2509                      | 40   |
| Corrosion Preventive Properties, Rating, ASTM D1743 | PASS |

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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POLDERDIJKWEG

B-2030 Antwerpen

Belgium

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