

Mobil Chassis Grease LBZ

Automotive Grease

Product Description

Mobil Chassis Grease LBZ is a semi-fluid grease based on synthetic oils in the consistency group NLGI 00. It was specifically developed for central lubrication systems for commercial vehicles. The product contains anti-oxidants, corrosion inhibitors, extreme pressure and anti-wear additives. Due to its special formulation and semi-fluid consistency, Mobil Chassis Grease LBZ exhibits excellent flow even at very low temperatures and in long pipelines. Depending on the application, it can flow at -25°C. The oil film adheres well and does not run off, even during stoppages. There is rapid on-flow to the greasing points. Mobil Chassis Grease LBZ is highly water resistant and therefore stable during water wash. It is stable in cold to warm water, therefore it can also be used in damp conditions or when there is warm water ingress. The good protection against rust also covers the use of 'spreading' salt and the related danger of rust on the lubrication points of the chassis. Mobil Chassis Grease LBZ is compatible with seals made of NBR, ACM and FKM, as long as these are suitable for the operating temperatures.

Features and Benefits

Features	Advantages and Potential Benefits
Good pumpability in centralised systems even at low temperatures	Potential to rationalise onto one product
Designed for centralised lubrication systems	Reduced operating costs compared to greasing by hand due to lower maintenance costs and economic usage
Reduced wear under heavy or shock loading and vibration. Excellent anti-wear performance	Good equipment reliability and availability
Good protection against rust and corrosion and resistance to water washout	Enhanced equipment protection and good lubrication even in presence of water
Controlled oil release	Balanced lubrication properties for longer service life

Applications

Mobil Chassis Grease LBZ is suitable for central lubrication systems using semi-fluid greases in commercial vehicles. It can be used between -50°C and 100°C. It is recommended for the semi-fluid grease systems of the following manufacturers:

- W Vogel, Berlin (to -25°C)
- Mercedes Benz (Sheet 264 Semi-Fluid Greases).

Specifications and Approvals

Mobil Chassis Grease LBZ meets or exceeds the following industry specifications:

Mercedes Benz page 264	X
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Typical Properties

Mobil Chassis Grease LBZ

NLGI Grade	00
Base Oil Viscosity @ 40°C, cSt, ASTM D 445	40
Thickener Type	Lithium-Calcium
Colour	Green
Penetration, Worked, 25 °C, ASTM D 217	400-430
Dropping Point, D 2265, C	>160
4-Ball Weld Load, N, DIN 51350-4	2000
Corrosion protection, EMCOR, ISO 11007	0-0
Flow Pressure Test @ -30°C, hPa, DIN 51805	56
Temperature range, continuous operation	-50°C to +100°C

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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