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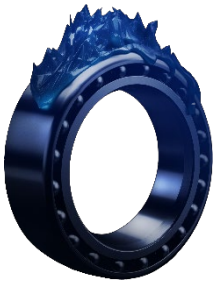
TECHNICAL PRODUCT SHEET

PREMUS™ MLB NLGI 2



DESCRIPTION

PREMUS™ MLB is a lithium-thickened lubricating grease enhanced with carefully selected and balanced package of additives and solid fillers including molybdenum disulfide (MoS2) to withstand high loads, by forming a tenacious lubricating film on metal surfaces. It performs in a wide temperature range and wet and dusty operating environments. It is often used for the lubrication of inaccessible parts and where EP properties are required.

APPLICATIONS

PREMUS™ MLB is suitable for the lubrication of wheel bearings, steering system bearings and all chassis points including ball joints and universal joints of both on-/off-highway equipment (i.e., trucks, tractors, construction, mining and agricultural equipment). It can also be used in heavy-duty industrial and marine applications.

SPECIFICATIONS

NLGI 2	DIN51825 KPF2K-25	ISO 6743/9 L-X-CCHB2

PROPERTIES

PREMUS™ MLB provides efficient lubrication under boundary friction conditions, offering outstanding film strength and adhesive properties. It ensures good water resistance and remains stable and consistent even under adverse service conditions, delivering reliable protection and performance.

BENEFITS

PREMUS ™ MLB provides highly effective anti-wear and extreme pressure (EP) protection, ensuring reliable performance under high and shock load conditions. It offers long-lasting rust and corrosion resistance and delivers efficient protection over extended service intervals, reducing downtime and maintenance costs.

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v1.JAN26

Produced and Packaged in E.U.
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PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ MLB	METHOD	
NLGI Grade		**2**
Color/Appearance	Visual	Black
Texture	Visual	Smooth
Thickener type		Lithium
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm^2/s	ASTM D445	200
Dropping point, °C	ASTM D2265	204
Worked penetration, 10^{-1}mm @25 °C - 60 strokes	ASTM D 217	265-295
EP properties weld point, kgf	ASTM D 2596	315
Wear preventive characteristics - Scar diameter, mm	ASTM D 2266	0.50
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-25/+120

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.