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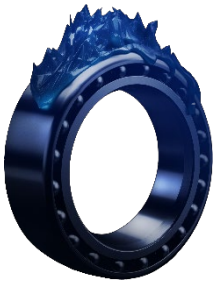
TECHNICAL PRODUCT SHEET

PREMUS™ AUTO NLGI 00



DESCRIPTION

PREMUS™ AUTO is a high quality, lithium-based semi-fluid grease, particularly intended for use in centralized lubrication systems. It is formulated with highly refined mineral base oils. Its carefully selected package of additives provides EP properties, excellent adhesion, protection against corrosion and reduces friction of the metal surfaces. The low penetration and mechanical resistance of PREMUS AUTO are contributing to excellent pumpability even at low operating temperatures.

APPLICATIONS

PREMUS™ AUTO is engineered for the lubrication of centralized systems in cars, trucks, buses, and off-highway equipment. It ensures reliable performance within an optimum operating temperature range of –20°C to +100°C, delivering consistent protection and durability under diverse conditions.

SPECIFICATIONS

NLGI 00	DIN51826 GP00H-20	ISO 6743/9 L-X-BBEB00

PROPERTIES

PREMUS™ AUTO offers sufficient low-temperature fluidity for reliable performance in cold conditions. It provides high anticorrosion and water resistance properties, while superior wear protection is ensured through the inclusion of extreme pressure additives, delivering durability under heavy loads and harsh environments.

BENEFITS

PREMUS ™ AUTO ensures adequate supply to distant lubrication points, providing optimum protection under high load conditions. Its formulation supports extended equipment service life and helps reduce maintenance costs, delivering reliability and efficiency in demanding applications.

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

PREMUS™ AUTO	METHOD	
NLGI Grade		**00**
Color/Appearance	Visual	Brown
Texture	Visual	Semifluid
Thickener type		Lithium soap
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm^2/s	ASTM D445	200
Dropping point, °C	ASTM D2265	198
Worked penetration, 10^{-1}mm @25 °C - 60 strokes	ASTM D 217	400-430
EP properties weld point, kgf	ASTM D 2596	250
Wear preventive characteristics - Scar diameter, mm	ASTM D 2266	0.5
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-20/+100

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.