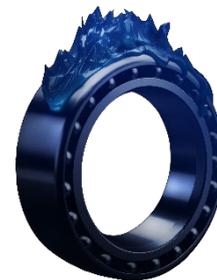


TECHNICAL PRODUCT SHEET

PREMUS[™] COT NLGI 00



DESCRIPTION

PREMUS[™] COT is a premium quality, lithium-based, semi-fluid grease specially designed for the lubrication of cotton-picking machinery. It is fortified with antiwear additives, antioxidants and corrosion inhibitors. It meets the requirements of major manufacturers, e.g. HARVESTER and JOHN DEERE. It retains enough fluidity at low temperatures and its film strength at elevated temperatures.

APPLICATIONS

PREMUS[™] COT is specially formulated for the lubrication of cotton-picking machinery, ensuring reliable performance under demanding conditions. It operates efficiently within an optimum temperature range of -20°C to $+100^{\circ}\text{C}$, providing consistent protection and durability throughout the harvesting process.

SPECIFICATIONS

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

PROPERTIES

PREMUS[™] COT ensures excellent lubricating film stability and strong affinity to metal surfaces, providing reliable protection under demanding conditions. It resists wash-off effectively and offers very good anticorrosion and antirust properties, guaranteeing long-lasting performance in harsh environments.

BENEFITS

PREMUS[™] COT offers excellent lubricity and improved adhesiveness to spindle surfaces, ensuring smooth operation and reduced wear. Its formulation supports prolonged machinery life through extended relubrication intervals, contributing to lower maintenance costs and enhanced efficiency.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ COT	METHOD	
NLGI Grade		00
Color/Appearance	Visual	Green
Texture	Visual	Semifluid
Thickener type		Lithium soap
Base Oil		Mineral oil
Base oil viscosity @40°C, mm ² /s	ASTM D445	30
Dropping point, °C	ASTM D2265	197
Unworked penetration, 10 ⁻¹ mm @25 °C	ASTM D 217	400-430
Wear preventive characteristics - Scar diameter, mm	ASTM D 2266	0.47
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.

