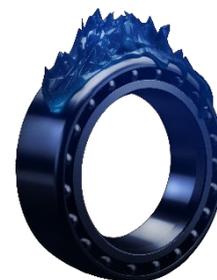


TECHNICAL PRODUCT SHEET

# PREMUS™ CYBIO COT NLGI 00



## DESCRIPTION

PREMUS™ CYBIO COT is a high-performance, biodegradable semi-fluid grease developed for environmentally sensitive applications. It uses an advanced bio-based formulation combined with a specialized thickener system to deliver excellent lubrication and protection. Designed to minimize environmental impact without compromising performance, it ensures reliable operation under demanding conditions.

## APPLICATIONS

PREMUS™ CYBIO COT is ideal for cotton-picking machinery and other agricultural equipment operating in areas where environmental protection is critical. It provides consistent lubrication across a wide temperature range and is suitable for use in systems requiring semi-fluid grease for centralized lubrication or gear housings.

## SPECIFICATIONS

NLGI 00	DIN51826 GP00H-30 Biodegradability>60%	ISO 6743/9 L-X-CBEB00 EPA 2013 VGP-complaint	OECD 301-B
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## PROPERTIES

PREMUS™ CYBIO COT offers outstanding lubricating film stability and strong adhesion to metal surfaces, ensuring reliable protection against wear and corrosion. Its biodegradable base oil provides excellent oxidative stability and maintains fluidity at low temperatures while resisting wash-off in wet conditions. PREMUS™ COT/BIO performs effectively within an operating range of -30°C to +100°C, guaranteeing durability and efficiency throughout the service life.

## BENEFITS

PREMUS™ CYBIO COT combines superior lubrication with environmental responsibility. Its biodegradable formulation reduces ecological impact while delivering long-lasting protection and extended relubrication intervals. By minimizing wear and corrosion, it enhances equipment reliability and lowers maintenance costs, making it the perfect choice for sustainable agricultural operations.



## TECHNICAL PRODUCT SHEET

### PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ CYBIO COT	METHOD	
NLGI Grade		00
Color/Appearance	Visual	Green
Texture	Visual	Semifluid
Thickener type		Calcium soap
Base Oil		Synthetic oil
Base oil viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	30
Dropping point, °C	ASTM D2265	160
Unworked penetration, 10 <sup>-1</sup> 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		-30/+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.

