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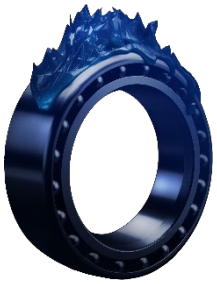
TECHNICAL PRODUCT SHEET

PREMUS™ CY-WR/OG NLGI 2



DESCRIPTION

PREMUS™ CY-WR/OG is an anhydrous calcium soap-based grease engineered with high quality mineral basestocks and a balanced oxidation/corrosion inhibitor. It is fortified with graphite complemented with a tackiness agent (tackifier) for the efficient lubrication of open gears and wire ropes.

APPLICATIONS

PREMUS™ CY-WR/OG is a heavy duty, water resistant, adhesive, fibrous grease, specifically designed to provide excellent lubrication in a wide range of applications especially under high loads and extremely humid operating conditions. It is generally suitable for use in cement works, mines, quarries, and shore/offshore shipping applications (slide rails, metal cables, wire ropes, winches, small open gears and chains).

SPECIFICATIONS

NLGI 2	DIN51502 OGF2E-20	ISO 6743/9 L-X-BBHA2

PROPERTIES

PREMUS™ CY-WR/OG provides excellent mechanical stability, outstanding adhesion, and superior water resistance for reliable performance in harsh conditions. It also offers good pumpability even at low temperatures, ensuring efficient lubrication across a wide range of applications.

BENEFITS

PREMUS ™ CY-WR/OG forms a tenacious lubricating film under high, vibrating, or shock loads, ensuring reliable protection. It maintains consistency even when exposed to significant water ingress and provides excellent rust and corrosion resistance for long-lasting performance in harsh conditions.

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PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ CY-WR/OG	METHOD	
NLGI Grade		**2**
Color/Appearance	Visual	Black
Texture	Visual	Adhesive tacky
Thickener type		Calcium 12-hydroxy stearate
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm^2/s	ASTM D445	220
Dropping point, °C	ASTM D2265	140
Worked penetration, 10^{-1}mm @25 °C - 60 strokes	ASTM D 217	265-295
EP properties weld point, kgf	ASTM D 2596	315
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-20/+80

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.