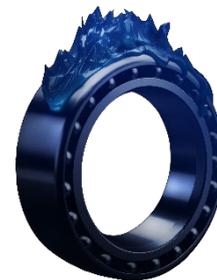


TECHNICAL PRODUCT SHEET

PREMUS[™] GRF NLGI 2



DESCRIPTION

PREMUS[™] GRF is a lithium-thickened lubricating grease based on a balanced mixture of mineral oils, enforced with graphite and EP additives. Graphite forms a tenacious protective lubricating film on metal surfaces that ensures continuous protection at high pick temperatures.

APPLICATIONS

PREMUS[™] GRF is designed for a multitude of applications and all types of bearings operating at elevated temperatures or/and low speeds (e.g., furnace conveyor belt bearings, chains, pins, wire ropes, slides etc.). It can also be used as a sealant for high temperature flange packing on hot pipelines.

SPECIFICATIONS

NLGI 2 DIN51825 KPF2K-25 ISO 6743/9 L-X-CCE2

PROPERTIES

PREMUS[™] GRF is graphite-enhanced, providing outstanding film strength and excellent adhesive properties for superior protection. It offers good water resistance and remains stable and consistent under adverse service conditions, ensuring reliable performance in demanding environments.

BENEFITS

PREMUS[™] GRF offers improved sealing properties and ensures reliable protection against high and shock loads. It reduces rust, corrosion, and friction, while supporting long service intervals for enhanced efficiency and lower maintenance costs.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ GRF	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
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.

