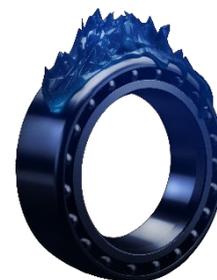


TECHNICAL PRODUCT SHEET

PREMUS™ BNT NLGI 2



DESCRIPTION

PREMUS™ BNT is a non-melting clay thickened grease formulated with high viscosity and elevated flash point mineral oils. It is designed for the lubrication of equipment subjected to high temperatures to provide long trouble-free operating life due to oxidation resistance and low volatility of the premium quality of the base oils.

APPLICATIONS

PREMUS™ BNT can be used in applications submitted to regular cycles of high and low temperatures as well as in constant high temperature conditions going beyond 150°C. The relubrications intervals are inversely proportional to the temperature during the use. Suitable for many types of plain and antifriction bearings. It lubricates satisfactorily at temperatures up to 200°C (intermittent). Also recommended for all types of bearings submitted to high temperatures, drying section of paper machines and electrical motor bearings of very hot ventilation systems, roller bearings in glass factories, brewing and textile industries (with frequent relubrication intervals), hot running wheel bearings etc.

SPECIFICATIONS

NLGI 2 DIN51825 K2P-20 ISO 6743/9 L-X-BEAA2

PROPERTIES

PREMUS™ BNT features a non-melting structure with excellent thermal stability, ensuring reliable performance at elevated temperatures. It provides sufficient corrosion protection and efficient friction reduction under high-temperature conditions, delivering durability and extended service life.

BENEFITS

PREMUS™ BNT ensures extended service life at high temperatures, offering good compatibility with commonly used sealing systems. It provides very good pumpability and slumpability, along with enhanced resistance to oxidation, delivering reliable performance under demanding conditions.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

PREMUS™ BNT	METHOD	
NLGI Grade		2
Color/Appearance	Visual	Dark brown
Texture	Visual	Smooth
Thickener type		Clay
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm ² /s	ASTM D445	460
Dropping point, °C	ASTM D2265	N/A
Worked penetration, 10 ⁻¹ mm @25 °C - 60 strokes	ASTM D 217	265-295
Oxidation stability test, psi drop/100hrs	ASTM D 942	5
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-20/+160 (+200 short peaks)

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.

