



GREASE

INNOVA PREMUS BNT/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.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Non-melting point.	Extended service life at high temperatures.
Excellent thermal stability.	Good compatibility with commonly used sealing systems.
Sufficient corrosion protection.	Very good pumpability and slumpability.
Efficient protection against friction at high temperatures	Enhanced resistance towards oxidation.

PHYSICAL-CHEMICAL CHARACTERISTICS

CYCLON PREMUS BNT	METHOD	
NLGI		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, mm/10 @25°C 60 strokes	ASTM D 217	265-295
Oxidation stability test, psi drop/100 hrs.	ASTM D 942	5
Copper strip corrosion	ASTM D 4048	1b
Operating temperatures, °C		-20/+160 (+200 short peaks)

The abovementioned characteristics represent mean values.

SPECIFICATIONS

DIN 51825 KP2P-20; ISO 6743/9 L-X-BEAA2