



PRISTA® K-2-G

GREASES

Description and Application

The graphite grease **Prista® K-2-G** is manufactured by thickening an appropriate blend of mineral lube base components with calcium soap with the addition of 10% dry graphite powder of less than 45 µm particle size. This grease is designated for lubrication of heavily loaded mechanisms including open gear drives, threaded joints, chain drive elevator sliders, metal ropes and other open, heavily loaded sliding pairs. **Prista® K-2-G** grease is suitable for application in highly humid and very dirty environment. Operating temperature range of **Prista® K-2-G** grease is from -20°C to +60°C, with possible short time peak operating temperature up to 70°C, if the proper re-greasing intervals are applied.

Benefits

- extremely enhanced water resistance
- very good antiwear properties
- suitable for use in very dirty environment
- adequate protection against rust formation

Specifications

NLGI	2
ISO 6743/9	ISO-L-XBAHA 2
DIN 51502, DIN 51825	KF 2 C-20

Typical Characteristics

Parameter	Test Method	Typical Value
Oil type		mineral
Thickener		calcium soap
Graphite content, %	DIN 51831-1	10
Color	Visual	black
Kinematic Viscosity of base oil at 40°C, mm ² /s	EN ISO 3104	39
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 2176	95
Oil Separation - separated oil at 40°C, 42h, %	IP 121	< 3
Dynamic Rust Test (EMCOR) in distilled water	ISO 11007	0/0

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.prista-oil.com