

GOLDENSTONE® K-G

Technical Data Sheet (TDS)

GREASES

Description and Application

The graphite greases **Goldenstone® K-G** are manufactured by thickening an appropriate blend of mineral lube base components with calcium soap and the addition of 10% dry graphite powder of less than 45 µm particle size. These greases are designated for the lubrication of heavily loaded mechanisms including: open gear drives; threaded joints; chain drives; elevators' sliders; metal ropes and other open heavily loaded sliding pairs. **Goldenstone® K-G** greases are suitable for application in high humidity and very dirty environment. The operating temperature range of **Goldenstone® K-G** greases is from -20°C to +60°C.

Benefits

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

Specifications

NLGI	1	2
ISO 6743/9	ISO-L-XBAHA 1(2,3)	
DIN 51502	KF 1(2,3) C-20	

Typical Characteristics

Parameter	Test Method	NLGI	
		1	2
Oil type		mineral	
Thickener		calcium soap	
Graphite content, %	DIN 51831-1	10	
Color	Visual	green	
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	320	280
Dropping Point, °C	ISO 2176	92	95
Oil Separation - separated oil at 40°C, 42h, %	IP 121	< 5	< 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.goldenstoneoils.com

Packages

0.4 kg, 0.8 kg, 4 kg, 15 kg, 180 kg