

EKOGREASE GP 2

Lithium/calcium grease

Description

EKOGREASE GP 2 is a lithium/calcium grease enhanced with specially designed additives that ensure extended operating life compared to conventional multi-purpose grease products.

Thanks to its excellent adhesion properties, EKOGREASE GP 2 provides grease performance efficiency under severe moisture or humidity conditions, including the presence of steam.

Specifications

DIN 51825 KP2K-25.

Applications

- The product is suitable for the lubrication of heavy-type equipment used in construction, mining and quarrying, and can be used in environments containing water, mud and dust.
- It is suitable for heavy load industrial applications where washout by water is a possibility.
- Thanks to its mixed lithium/calcium soap and the high viscosity of its base oil, EKOGREASE GP 2 is suitable for the lubrication of rolling-element bearings carrying heavy loads at low speeds.

Advantages

- Outstanding resistance to washout by water.
- Excellent adhesion to metal surfaces.
- Increased lubrication ability and mechanical stability at a wide range of operating temperatures from -25°C to +130°C

Typical Characteristics

Properties	Methods	Units	EKOGREASE GP 2
Soap Base	-	-	Lithium/Calcium
Base Oil	-	-	Mineral oil
NLGI	-	-	2
Colour	Visual Inspection	-	Red
Base Oil Viscosity at 40°C	ASTM D445	cSt	300
Dropping Point	ASTM D566	°C	175
Worked Penetration, 60 strokes	ASTM D217	mm ⁻¹	265-295
Water Washout, max.	ASTM D1264	% w/w	10
TIMKEN Test OK Load, min	ASTM D2509	lbs	45
4 Ball wear test, mm, max	ASTM D2266	mm	0.60
4 Ball weld load	ASTM D2596	kg	250
Copper Corrosion, max.	ASTM D4048	-	1b
Operating Temperature	-	°C	-25°C to +130°C

Health and safety

Protect the environment while disposing of used product.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.

Advice on safe handling is provided in the Safety Data Sheet.