



TECHNICAL SPECIFICATIONS



EKOGREASE GP 2

Multipurpose lithium-calcium thickened grease

DESCRIPTION

EKOGREASE GP 2 is a general purpose, lithium-calcium thickened lubricating grease enhanced with antioxidants, corrosion inhibitors and extreme pressure (EP) additives.

SPECIFICATIONS

DIN 51825 KP2K-20

APPLICATIONS

EKOGREASE GP 2 is suitable for the lubrication of heavy duty construction and mining equipment operating in environments with dust, sludge and presence of water and for industrial applications involving heavy loads and possible water wash out.

The mixed lithium-calcium soap along with the high viscosity of the base oil, make this grease suitable for the lubrication of heavy loaded and low speed bearings.

BENEFITS

- Superior resistance to water washout.
- Excellent adhesion to metal surfaces.
- Very good lubricating properties and mechanical stability in a wide range of operating temperatures, from -20°C to +110°C.

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support.

Tel. + 30 210 5509 511, +30 210 7725 418.

For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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TYPICAL PROPERTIES

Property	Method	Unit	EKOGREASE GP 2
NLGI Grade	ASTM D 217	-	2
Base oil viscosity @ 40°C	ASTM D 445	cSt	300
Dropping point	ASTM D 566	°C	>150
Worked Penetration (60strokes), @ 25° C	ASTM D 217	mm-1	265-295
Worked Penetration, (100.000 strokes), 10% water	DIN 51804	mm-1	<60
Bomb oxidation after 100 hours, pressure drop	ASTM D 942	psi	max 5
Oil Separation %	ASTM D 1742	%	max 5
Roll Stability	ASTM D1831	mm-1	-25 to +60
Water Washout, % w/w loss at 80°C	ASTM D 1264	% w/w	Max 10
4 ball wear test, mm	ASTM D 2266	mm	<0,60
4 ball weld point test kgf min	ASTM D 2596	kgf	28
Rust protection	ASTM D 1743	-	pass
Copper corrosion, max	ASTM D 4048	-	1b
Temperature range	-	°C	From -20°C to +110°C

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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