



PRODUCT DATA SHEET



EKOGREASE C-WR 2

Anhydrous calcium grease, mineral oil and polymer-based

DESCRIPTION

EKOGREASE C-WR 2 is a state of the art, high performance grease based on a mineral oil / polymer mixture and thickened by an anhydrous calcium soap. It contains antioxidants, corrosion inhibitors and EP/AW additives.

SPECIFICATIONS

DIN 51502 KP2K-20, ISO 6743 ISO –L-XBCIB2

APPLICATIONS

- Thanks to the combined effect of the anhydrous calcium soap and the base fluid's high viscosity, EKOGREASE C-WR 2 is suitable for the lubrication of roller bearings carrying heavy loads in environments with moisture and corrosive factors.
- It is suitable for marine applications.
- It can also be used as a multi-purpose grease in off-road vehicles and equipment in agriculture, construction and forestry.
- This product is suitable for industrial applications where resistance to water washout and corrosion protection are particularly crucial.

ADVANTAGES

- Outstanding resistance to washout by water.
- Optimal protection against corrosion.
- Superior performance under high shock and vibration loads.
- Excellent adhesion to metal surfaces.
- Enhanced pumpability with most advanced centralised lubrication systems, despite the base fluid mixture's high viscosity.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKOGREASE C-WR 2
Soap base	-	-	Anhydrous calcium
Base fluid	-	-	Mineral oil / Polymer
NLGI	ASTM D217	-	2
Colour	Visual Inspection	-	Light Yellow
Dropping point	IP 396	°C	>140
Base fluid viscosity at 40°C	ISO 12058	cSt	1300
Base fluid viscosity at 100°C	ISO 12058	cSt	106
Density at 20°C	IP 530	g/cm ³	0.94
Penetration 60 strokes	ISO 2137	mm ⁻¹	265-295
Penetration 100000 strokes	ISO 2137	mm ⁻¹	+20
SKF Emcor WWO distilled water	ISO 11007mod	-	0-0
SKF Emcor WWO salt water	ISO 11007mod	-	2-3
Copper corrosion 24h/100°C	ASTM D4048	-	1b
Water resistance	DIN 51807/1	-	0-90
Water washout, 1h/80°C	ISO 11009	%	2%
4-Ball weld load	DIN 51350:4	N	2800
4-ball wear scar (1hour / 400N)	DIN 51350:5	mm	0.8

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 5509511 and + 30 210 7725418. Advice on safe handling is provided in the Safety Data Sheet.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKOGREASE C-WR 2
Oil separation, 168 hrs/ 40°C	IP 121	%	1%
Lubrication ability			
SKF R2F test A	SKF	-	Pass
SKF R2F test B at 120°C	SKF	-	Pass
Operating temperature	-	°C	-20°C to +120°C, max. +130°C

HEALTH AND SAFETY

Protect the environment while disposing of used product.

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