



COPAL EP 2

DESCRIPTION

High temperature extreme pressure complex aluminium grease.

APPLICATIONS

COPAL EP 2 is a grease formulated for use in industry, agriculture, civil engineering and other 'off road' applications.

Typical applications include shock loaded bearings, heavily loaded transmission assemblies, traveling cranes, presses. Particularly suitable for a variety of industrial and civil engineering applications that work under severe conditions e.g. heavy loads and high temperatures.

SPECIFICATIONS

ISO 6743-9: L-XBDHB 2

DIN 51502: KP2N-20

ADVANTAGES

Very good resistance to high loads and repeated shock loadings.

Excellent thermal stability and reversibility.

Good behaviour in presence of water.

Very good adhesion to metals.

Excellent pumpability due to the grease structure.

COPAL EP 2 does not contain lead, or other heavy metals considered harmful to human health and the environment.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.

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RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying.

Preferably use a pneumatic pump system or cartridges.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	COPAL EP 2
Soap/thickener		-	Aluminium complex
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 20 to 150
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265-295
Four ball weld load	DIN 51 350-4	daN	220-240
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/DIN ISO 2176	°C	>230
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	165

Above characteristics are mean values given as an information.

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