



LICAL MS 2

DESCRIPTION

Multi purpose extreme pressure lithium/calcium grease with 3% of MoS₂.

SPECIFICATIONS

ISO 6743-9: L-XBCHB 2

DIN 51 502: KPF2K -20

APPLICATIONS

LICAL MS 2 is a EP multipurpose grease, formulated for the lubrication of various shock loaded or vibrating applications operating in wet, dusty and/or dry conditions in particular in mining industry.

LICAL MS 2 is also suitable as EP multipurpose grease in "off road" applications where water is in frequent contact with the grease, e.g. pin-bushings, crown, and caterpillar wheels on excavators.

LICAL MS 2 is suitable for boundary lubrication at high pressures and high temperatures. In case of accidental overheating, the presence of molybdenum disulfide will guarantee good lubrication, and avoid any jamming or sticking.

ADVANTAGES

LICAL MS 2 forms a durable lubrication film, resulting in reduction of maintenance and down-time costs.

Miscible with most other conventional soap greases.

Excellent mechanical stability avoiding ejection or loss of consistency during operation.

Excellent adhesion to metal.

Good thermal stability, leading to high resistance to temperature variations.

LICAL MS 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	LICAL MS 2
Soap/thickener		-	Lithium/ Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Grey
Appearance	Visual	-	Smooth
MoS2 content	%	-	3
Operating temperature range		°C	- 20 to 130
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265 - 295
Four ball weld load	DIN 51 350-4	daN	420-440
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	> 190
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	210

Above characteristics are mean values given as an information.

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