COPAL MS 2





High temperature extreme pressure complex aluminium grease with molybdenum disulfide.

APPLICATIONS

Multi purpose heavy duty grease

- COPAL MS 2 is suitable for boundary lubrication at high temperatures and heavy loads. In case of accidental overheating, the presence of molybdenum disulfide will guarantee good lubrication and avoid any jamming or sticking.
- Particularly suitable for a variety of industrial and civil engineering applications that work under severe conditions e.g. heavy loads and high temperatures.

Recommendation

Always avoid contamination of the grease by dust and/or dirt when applying.
Preferably use a pneumatic pump system or cartridges.

SPECIFICATIONS

ISO 6743-9: L-XBDEB 2DIN 51502: KPF2N-20

ADVANTAGES

Multi purpose EP No harmful substances Pumpability

- Very good resistance to high loads and repeated shock loadings.
- Excellent themal stability and reversibility.
- Good behaviour in presence of water.
- Very good adhesion to metals.
- Excellent pumpability due to the grease structure.
- COPAL MS 2 does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	COPAL MS 2
Soap/thickener		-	Aluminium complex
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Anthracite
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	320-340
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	>250
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm²/s (cSt)	165

Above characteristics are mean values given as an information.

