

COPAL GEP 0



Grease



Extreme-pressure water resistant high temperature aluminium complex grease with solid lubricants.

APPLICATIONS

Semi fluid heavy duty water resistant grease. Applications in cement and heavy industry. Recommendation

- **COPAL GEP 0** is pre-eminently designed for use on open gears of rotary drum drives, single and double pinion kiln and mill drives, working under severe circumstances.
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump/spray system.

SPECIFICATIONS

- ISO 6743-9: L-XBDHB 0
- DIN 51 502: OGPFO0N - 20

ADVANTAGES

**Semi Fluid
High loads
Water resistant
High temperatures
Anti corrosion
No harmful substances**

- Excellent thermal stability.
- Remarkable load resistance thanks to its naturally high extreme pressure and anti-wear properties.
- Sprayable, very good adhesion to metals.
- Very good water resistance.
- Excellent anti-oxidation and anti-corrosion properties thanks to the carefully selected additives.
- **COPAL GEP 0** does not contain lead, or other heavy metals considered harmful to human health and the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	COPAL GEP 0
Soap/thickener		-	Aluminium complex
NLGI grade	ASTM D 217/DIN 51 818	-	0
Color	Visual	-	Black
Appearance	Visual	-	Smooth/Buttery
Operating temperature range		°C	-20 to 150
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	355-385
Four ball weld load	DIN 51 350-4	daN	580-600
FZG A2.8/50 scuffing load step	DIN 51 354	rating	>12
Weight loss	DIN 51 354	mg/KWh	0,49
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0-0
Dropping point	IP 396/NFT 60 102 C	°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)	750

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
31-10-2007 (supersedes 11-07-2001)
COPAL GEP 0
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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.