



COPAL OGL 0

DESCRIPTION

Extreme-pressure adhesive aluminium complex grease with solid lubricants for loaded open gears.

APPLICATIONS

COPAL OGL 0 is predominantly designed for the use on open gears of rotary drum drives, single / double pinion kilns and mill drives, working under severe circumstances. (for example in cement plants, paper mills,...).

COPAL OGL 0 can be used as well on gear teeth and open gears commonly used in the sugar industry, steel industry, and for windmills (yaw systems).

SPECIFICATIONS

ISO 6743-9 : L-XBDHB0/00

DIN 51502 : OGPFO/00N-20

ADVANTAGES

Adhesion properties, and remarkable load and shocks resistance of **COPAL OGL 0** protect gear teeth, increasing reliability and service life of the equipment.

COPAL OGL 0 contains solid lubricants, decreasing friction coefficient, limiting wear particularly near the tooth crest and tooth base, decreasing energy consumption.

Very good water resistance.

Excellent anti-oxidation and anti-corrosion properties thanks to the carefully selected additives.

COPAL OGL 0 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/spray system well adjusted to optimize the quantities of grease sprayed and prevent from any lack of lubrication. Pick-up lubrication is possible with **COPAL OGL 0**.

TYPICAL CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	COPAL OGL 0
Soap/thickener		-	Aluminium complex
NLGI grade	ASTM D 217/DIN 51 818	-	0-00
Color	Visual	-	Anthracite
Appearance	Visual	-	Smooth/Buttery
Operating temperature range		°C	- 20 to 150
4 ball weld load	ASTM D2596	kg	> 800
4 ball Wear, Scar diameter	ASTM D2266	mm	< 0.6
FZG A2.8/50 scuffing load step	DIN 51 354	rating	> 12
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)	> 1000

Above characteristics are mean values given as an information.

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