

COPAL OGL 0



Grease



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

APPLICATIONS

Semi fluid heavy duty water resistant grease.

Recommendation

- **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).
- 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**.

SPECIFICATIONS

- ISO 6743-9 : L-XBDHB0/00
- DIN 51502 : OGPF0/00N-20

ADVANTAGES

High adhesiveness

**High loads
High temperatures**

**Water resistant
Anti corrosion**

No harmful substances

- 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.

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.

**TOTAL LUBRIFIANTS
INDUSTRIE**

18-02-2014 (supersedes 11-09-2006)

COPAL OGL 0

1/1



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.