

# COPAL OGL 2



Grease



**Extreme pressure adhesive aluminium complex grease with solid lubricants for heavy-duty applications.**

## APPLICATIONS

**Heavy duty grease,  
water resistant**

**Recommendation**

- **COPAL OGL 2** is a predominantly designed for use on open gears, in case where an NLGI 2 grade is required.
- **COPAL OGL 2** can be used as a priming lubricant for gears of kilns, mills,...
- **COPAL OGL 2** can be used as well in plain bearings highly loaded in the most severe conditions. (shocks, high loads, high amount of water,...) or for application requiring a highly adhesive grease (fifth wheel,...).
- Preferably use a pneumatic pump system. **COPAL OGL 2** can be applied by hand with brushes, or other adapted tools. A good cleanliness of tools is recommended for optimal lubrication.

## SPECIFICATIONS

- ISO 6743-9: L-XBDEB 2
- DIN 51502: OGPF2N-15

## ADVANTAGES

**High load resistance  
High adhesiveness**

**Water resistance  
No harmful substance**

- Excellent adhesiveness, associated with the very good resistance to high loads and repeated shock loadings, **COPAL OGL 2**, gives a high protection level against wear on gear teeth and plain bearings, increasing significantly the service life of the equipment.
- **COPAL OGL 2** contains solid lubricants, decreasing friction coefficient, limiting wear particularly near the tooth crest and tooth base, decreasing energy consumption.
- Good behaviour in presence of water even under pressure.
- **COPAL OGL 2** does not contain lead, or other heavy metals considered harmful to human health and the environment.

CHARACTERISTICS	METHODS	UNITS	COPAL OGL 2
Soap/thickener		-	Aluminium complex
NLGI grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Anthracite
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 15 to 150
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265-295
Four ball weld load	ASTM D2596	kg	> 800
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	> 245
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	> 1000

Above characteristics are mean values given as an information.

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TOTAL LUBRIFIANTS  
Industrie & Spécialités  
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COPAL OGL 2  
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](http://www.quick-fds.com).