



# COPAL OGL 2

## DESCRIPTION

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

## APPLICATIONS

**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 in the Jack hammer Grease application.

**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,...).

## SPECIFICATIONS

ISO 6743-9: L-XBDEB 2

DIN 51502: OGPF2N-20

## ADVANTAGES

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.

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).

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## RECOMMENDATIONS

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.

## TYPICAL CHARACTERISTICS

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	- 20 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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