



Description

Grasa OGL is a grease specially designed for lubricating open gears and cogs, formulated with very highly refined paraffinic oil, synthetic polymers and aluminium complex soap thickener, which together with a suitable combination of additives and solids make this grease ideal for protecting the perfect geometry of the gears in high-tonnage mills and furnaces.

Properties

- Semifluid grease, ideal for application in grease spraying systems or other application methods, such as bath or splash lubrication.
- It enables machinery to withstand extreme vibrations thanks to the high viscosity of the base oil, and the presence of extreme pressure additives and solid additives which contribute to preventing wear in the limit lubrication conditions arising in the large gear drives and heavy loads of the cement, steel, mining and chemical industries.
- It has excellent water resistance and adherence, good performance at low temperatures, and excellent antioxidant and anticorrosion properties.
- Field of application from -10 °C to 120 °C.

Quality levels, approvals and recommendations

- DANIELI STANDARD N. 0.000.001 - REV.15*
- DIN DIN: 51502 OGPf 00K-10

- THYSSENKRUPP 71*
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Consistency	NLGI		00
Colour	-	Visual	Black
Type of thickener			Complex aluminium
Base oil viscosity at 40 °C	cSt	ASTM D445	1500
4 Ball EP, welding load	kg	IP 239	850
4 Ball wear, print diameter (1 min/80 kg)	mm	IP 239	0.65
Emcor corrosion test	-	DIN 51802	0-0
FZG (A/2,8/50): Failure load stage	-	ISO 14635	>12
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	405
Water resistance (90 °C)	-	DIN 51807	0

The above mentioned characteristics are typical values and should not be considered product specifications.