

Greases

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

- DIN 51502 OGPF 00K-10

Technical specifications

| | UNIT | METHOD | VALUE |
|--------------------------------|--------------------|-------------|-------------------|
| Colour | | Visual | Black |
| Type of thickener | | | Complex aluminium |
| Base oil, viscosity at 40 °C | mm ² /s | ASTM D 445 | 1,500 |
| Consistency | | NLGI | 00 |
| Penetration, 60 strokes worked | 1/10 mm | ASTM D 217 | 405 |
| Water resistance at 90 °C | | DIN 51807 | 0 |
| Emcor test | | DIN 51802 | 0-0 |
| Four-ball machine: | | | |
| Wear (1 min/80 Kg) | ∅,mm | IP 239 | 0.65 |
| Welding load | Kg | IP 239 | 850 |
| FZG test (A/2, 8/50) | | ISO 14635-3 | >12 |

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

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 1A. March 2021.