

MOLYFAL OGL-1000

MoS₂ based operational highly viscous adhesive lubricant for large open running gear drives

MOLYFAL OGL-1000 is based on chosen high viscous base oil, thickened with aluminum complex soap. The product Contains colloidal Molybdenum disulfide of the highest purity and fineness and in addition a carefully determined additive package, which is chlorine free and contains no heavy metals, together with adhesive additives.

Applications

MOLYFAL OGL-1000 is used on the spray lubrication of large gear rim drives of tube mills, ball and rod mills, rotary kilns, dryers and crushers, which are to be found, i.a., in the raw materials industry or the power station sector. In addition MOLYFAL OGL-1000 is suitable for the lubrication of large chains, wire ropes and heavily loaded sliding guides in rough operating conditions, e.g. in the mining, steel and cement industry. Further applications are found in sugar and paper production as well as in marine and offshore technology.



Open gears



Toothed racks



Wire cables



Sliding surfaces

Performance Features

- Temperature range for use: -10 / +140°C
- Extremely high pressure resistance
- High load capacity
- Excellent protection against wear
- Very good corrosion-preventive ability
- Reduces tribocorrosion
- Can be applied with all common spray lubrication systems
- Good resistance to water

Technical Data: MOLYFAL OGL-1000

| Characteristics | Unit | Value | Test Method |
|--|--------------------|--------------|-------------|
| Reference | - | OGPF0-00N-10 | DIN 51502 |
| Color | | black | - |
| Texture | - | homogeneous | - |
| Solid lubricant content | % | approx. 5 | |
| Thickener | - | Al-X | |
| NLGI grade | - | 0-00 | DIN 51818 |
| Kinematic viscosity of the base oil [40°C] | mm ² /s | 1000 | DIN 51562-1 |
| High Temperature range | °C | +140 | LLS 134 |
| Low Temperature range | °C | -10 | LLS 134 |
| Drop point | °C | +270 | ASTM D 2265 |
| Four Ball Test welding load | N | 6500/7000 | DIN 51350-4 |
| TIMKEN OK-Load | lbs | 45 | ASTM D 2509 |

Lubrication Solutions for Industry

KELBOR develops, produces and sells high-performance lubricants. The product range covers the fields of special lubricants, lubricants for all industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.