

Eiffel Protect OGL Fluid NC series

High Performance Diluent Type - Open Gear Lubricant



Product Data Sheet

Product Description

Eiffel Protect OGL Fluid NC series is a high performance semi-fluid viscous black open gear lubricant (OGL), formulated with high viscosity base oils and advanced additive system to provide excellent protection against wear, rusting and fluid fling off. They contain a non-chlorinated, volatile solvent that ensures fluidity during application, even at low temperatures. Once applied, the diluent evaporates and the lubricant becomes like a flexible, adhesive, high-strength consistency that is maintained throughout service life. They are suitable for lubricating large, slow to medium speed, heavily loaded Industrial gears, including heavy-duty Marine applications where heavy loads and extreme unit pressures are present. The soft consistency and low temperature properties of OGL fluids, makes it suitable to spray on applications operating under wide variety of conditions or even applied by hand. These fluids are free from lead, nitrite, chlorine, hence reduces the impact on environment.

Features & Benefits

- **Highly adhesive grease structure** - resists washout of grease in equipment and provides good lubrication even in presence of water.
- **Minimal Throw-off & dripping** - less product wastage during operation.
- **No Chipping or flaking** – maintains optimum protective film at low operating temperature.
- **Outstanding load carrying capacity** - reduces wear even under heavy or shock loading conditions by creating Elasto-hydrodynamic lubrication (EHL) film, for good equipment reliability and performance.
- **Excellent corrosion protection** - protects gear tooth surfaces against rust & corrosion, even when the fluid is contaminated with water.
- **Easy to clean with rags and conventional cleaning solvents** – improved housekeeping & reduced maintenance cost.

Application

Eiffel Protect OGL Fluid NC series is suitable for most types of Marine, Mining and Industrial applications.

- They are suitable for lubricating large, slow to medium speed, heavily loaded gears operating under heavy-duty conditions. Example: large gears on ore-processing mills.
- They are also suitable for lubricating slide rails, swing gears and open gears during initial turning. Example: Ring gears in cement mill.

Typical Characteristics

| Eiffel Protect OGL | Test Method | Units | Fluid 3 NC | Fluid 6 NC |
|-------------------------------------|-------------|-------|------------------------------|------------------------------|
| Appearance | Visual | -- | Semi-fluid, Viscous Black | Semi-fluid, Viscous Black |
| Specific Gravity | ASTM D 1298 | Kg/L | 0.965 | 0.965 |
| Viscosity @ 100 °C, without diluent | ASTM D 445 | cSt | 705 | 1285 |
| Viscosity @ 40 °C, with diluent | ASTM D 445 | cSt | 350 | 5050 |
| Flash Point | ASTM D 92 | °C | 130 (max) | 130 (max) |
| Maximum Operating Temperature | -- | °C | 125 | 125 |
| Minimum Operating Temperature | -- | °C | -3 | -3 |

The above figures are typical of blends with normal production tolerance and do not constitute a specification.

For further information, please contact: sales@eiffellubricants.com