



OGREASE LC is a grease lithium complex thickened and mix with solid content as Molybdenum disulfide and graphite used for open-gear and wire rope.

OGREASE LC is lithium complex grease with excellent adhesion and anti-corrosion properties. It has an operating temperature range from -20°C to 180°C.

- **Low environmental impact** — Does not contain a diluent.
- **Long equipment life** — High film strength provides excellent antiwear protection to gear teeth under high, shock load conditions.
- **Minimal operating cost** — Long lasting lubrication film minimizes frequency of repeated application and, therefore, overall volume of lubricant used.
- **Reliability** — **The high dropping point**, the molybdenum disulfide/graphite fillers, and the tackiness additive offer excellent protection against gear failure at elevated temperatures during severe operation.
- **Flexibility to use in wet conditions** — Resists rust, supporting long gear life, and assures good film strength even in a wet environment.



Contains Diluent	No
Penetration, at 25 °C(77°F) Unworked	273
Four-Ball Extreme pressure test	
EP Weld, ASTM D 2596, kg	6500
Wear, ASTM D 2266, mm	
Rust Test, ASTM D 1743, rating	Pass
Timken OK Load, lb	120
Thickener Type	Lithium complex
Base Oil Viscosity, Kinematic (without thickener or filler) cSt at 40°C	680
cSt at 100°C	
Flash Point, °C	>270
Resultant Film	extra Tacky
Texture	Smooth
Color	grey / black

OGREASE LC Open Gear Greases are formulated with high viscosity mineral oils in a lithium complex thickener and are extremely tacky.

OGREASE LC Open Gear Greases contain special functional fillers such as **molybdenum disulfide and graphite**, which impart a long-lasting film on working surfaces.

They also contain tackiness additives, wetting agents and rust inhibitors to protect metal surfaces.

OGREASE LC Open Gear Greases are recommended:

- Multi service as multipurpose grease
- For all open gears in industrial, grinding mills, kiln, shovels, draglines, ship loader, stackers, and for mining, construction, and marine equipment
- Plain bearings, pivot pins/bushing and articulations found in earth moving equipment
- For chain, wire rope, cable sling and sprocket lubrication :
 1. To reduce friction as the individual wires move over each other.
 2. To provide corrosion protection and lubrication in the core and inside wires and on the exterior surfaces.

OGREASE LC is also an effective lubricant for the 'fifth-wheel' of articulated vehicles.

