



GREASEOIL 33 is a specialty grease designed for a wide range of applications. It is compounded from **SYNTHETIC** base oils contains moly (molybdenum disulfide) and graphite.

The high viscosity base fluid helps in giving the grease its high temperature and EP characteristics. The result is a non-clay grease with a dropping point above 400 °C (752°F) and a 500 kgf weld point.

Greaseoil 33 is less volatile and oxidizes slower than conventional greases, and does not tend to cross link and rubberize like silicone based formulations. This allows the grease to be used at elevated temperatures and high loads with reduced greasing intervals.

This type of thickener used in **GREASEOIL 33** yields some specific benefits under adverse wet climates that are found in coastal or marine applications.

GREASEOIL 33 forms highly water-resistant and corrosion-resistant grease making it useful in applications for both corrosion protection and industrial lubrication.

GREASEOIL 33 has exceptional mechanical stability, very high load carrying properties and excellent thermal stability. This particular grease is often utilized in extreme condition both hot and wet; as well as hostile environments such as steel mills, paper mill bearings operating under wet and/or hot conditions.

- Extremely resistant to heat and oxidation
- CORROSION RESISTANT
- EXCELLENT RESISTANCE TO WATER WASH OFF
- STRONG ADHESION TO SURFACES
- LONG TERM STABILITY
- HIGH SOLIDS CONTENT
- Protects against high loads, shock, welding and scoring

APPLICATIONS

GREASEOIL 33 is highly recommended for lubrication of slow-moving, highly loaded bearings operating at less than 500 rpm.

GREASEOIL 33 is recommended For grease lubricated roll neck bearings on blooming, billet, slabbing, bar, plate and other mills in the steel industry. Ideal for low speed, plain bearings and sliding surface applications operating under marginal or boundary lubrication conditions; as well as backup or work-roll and table bearings and ball, roller and plain bearings.

Also excellent for high temperature applications such as oven fan motor bearings, furnace car wheel bearings, annealing furnaces, drying ovens, sintering plants, kilns and soaking pits.

GREASEOIL 33 is recommended for applications calling for extreme pressure (EP) and High Temperature grease with high solids content, open gear

Color	Grey
Texture	Smooth
Specic Gravity	Typical 0.94
Worked Penetration (ASTM D-217)	325
Base Oil Viscosity, cSt @ 40°C	460
Soap content, wt%	<10%
Additive	Solid type
Dropping Point (ASTM D-566) °F (°C)	887 (475)
Oil Separation (ASTM D-1742) %	<5%
Timken OK load, D 2509	120 min
4-Ball EP weld load, kg	500
Water resistance	Excellent
Oxidation life (D 942), psi drop after 1000 h	5 max
Rust Test (D 1743)	Pass
Copper corrosion rating (D 130)	1B

