



RENOGEL OGL

High temperature plain bearing and open gear grease

Description

RENOGEL OGL-1 is a heavy duty, high temperature, industrial grease for arduous slow speed plain bearings. It is produced using bentonite clay as the thickening agent in place of the normal metallic soap of the conventional greases. This clay matrix will not melt and the upper working temperature is therefore limited by the physical properties of the oil. The grease also has Molybdenum disulphide added to impart the exceptional load carrying characteristics on slow moving heavily loaded bearings. The viscosity of the base oil is also carefully selected to give the necessary film strength at elevated temperatures.

Properties

High Temperature Performance
Protects equipment under the heaviest loads
Resists Grease Loss and Corrosion

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Applications

RENOGEL OGL-1 is recommended for the lubrication of:

- Sugar Mill Bearings
- Cement Mill Journals
- Plain Bearings
- Kiln car castors
- Furnace door gear
- Drying kiln mechanisms
- Pivot Pins
- Slow speed cams and followers
- Open Gears

RENOGEL OGL-1 is not recommended for high speed bearings

CHARACTERISTICS

Properties	Units	Value		Test Method
		KPF1P-20	KPF2P-20	
DIN Classification	-	KPF1P-20	KPF2P-20	DIN 51 825
NLGI consistency	-	1	2	DIN 51 818
Colour	-	Black		
Soap type	-	Clay		
Base oil type	-	Mineral		
Viscosity @ 40°C	cSt	480		ASTM D445
Viscosity @ 100°C	cSt	35		ASTM D445
Cone penetration worked @ 25°C	0.1mm	320	275	ASTM D217
Dropping point	°C	288	288	ASTM D566-76
4 Ball weld load	kg	4300	4300	ASTM D2596
4 Ball scar diameter	mm	0.3	0.3	ASTM D2266
Copper corrosion	Rating	1A	1A	ASTM D130
Oxidation Stability	Bar	0.4	0.4	ASTM D-942

