



## Gulflex HT

### *Inorganic EP Grease with MoS<sub>2</sub> for Heavy Duty, High Temperature Applications*

#### Product Description

**Gulflex HT** grease is heavy duty non-melting inorganic non-soap thickener based grease with Molybdenum disulphide (MoS<sub>2</sub>) for use in a wide range of automotive, marine and industrial applications subjected to high temperature. It is manufactured from high quality solvent refined base oils and performance additives to provide excellent structural and high temperature stability, resistance to water washout and effective protection from wear and corrosion. It is specially designed for applications very high short-duration temperature and load spikes are part of normal operation.

#### Features & Benefits

- Outstanding extreme pressure and anti-wear properties extend bearing life under heavy and shock-load conditions. The MoS<sub>2</sub> is particularly beneficial in lubricating slow moving heavily loaded parts
- Extremely high drop point (non-melting grease) ensures extended operating range of up to 200°C
- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water
- Very good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Inert nature of clay makes it suitable for applications exposed to contaminants like water and chemicals found in industries like paper mills, chemical and steel plants.

#### Applications

- Plain and anti-friction bearings (ball, roller, sleeve) and sliding surfaces (ways, cams) in wet and heavily loaded applications (klyn car wheel bearings, dryer conveyor chain bearing, rolling mills, oven bearings) found in paper mills, chemical and steel plants
- Heavy duty equipments used in marine, off-highway, off-shore, cement, mining/ quarrying, agriculture & forestry/ logging and other industrial applications under severe conditions.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		
IS 12790: 1989 Grade 2, ASTM D 4950 GC-LB, ISO 6743-9 L-XBGE2, DIN 51502 KPF2S-30		
Typical Properties		
Test Parameters	Test Method	Typical Values
Texture	Visual	Smooth
Thickener Type		Inorganic (Clay)
NLGI		2
Type of base oil		Mineral
Molybdenum disulfide (MoS <sub>2</sub> ), %wt		3
Estimated Operating Temperature Range		-25°C to 200°C
Base oil viscosity at 100°C, cSt	D 445	35
Consistency, worked penetration 60 strokes	D 217	280
Dropping Point, °C	D 2265	>280
Oxidation Resistance, Pressure drop, psi	D 942	0.5 max
Water Washout @ 79°C, % wt loss	D 1264	15.0 max
Four ball wear, Scar Dia, mm	D 2266	0.5
Copper strip corrosion at 100° c for 24 hrs, rating	D 4048	1a
Rust Protection, 48 hrs @ 52°C, Rating	D 1743	Pass

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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