



## Gulf Crown HT

### *Inorganic Grease for High Temperature Applications*

#### Product Description

**Gulf Crown HT** grease is non-melting inorganic non-soap thickener based grease for use in a wide range of 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 spikes are part of normal operation.

#### Features & Benefits

- Extremely high drop point (non-melting grease) ensures extended operating range of up to 160°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 high temperature applications (klien 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 3, ASTM D 4950 GC-LB		
Typical Properties		
Test Parameters	Test Method	Typical Values
Texture	Visual	Smooth
Thickener Type		Inorganic (Clay)
NLGI		2
Type of base oil		Mineral
Estimated Operating Temperature Range		-15°C to 160°C
Consistency, worked penetration 60 strokes	D 217	280
Dropping Point, °C	D 2265	>280
Water Washout @ 38°C, % wt loss	D 1264	10.0 max
Four ball wear, Scar Dia, mm	D 2266	0.6 max
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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