

SPECIALITY PRODUCTS



PETROGULF HIGH TEMPERATURE GREASE

Product Data Sheet

PetroGulf High Temperature Greases are new generation high performance, high temperature, heavy load bearing and water resistant greases developed with a unique thickener system. This grease is non melting, Bentonite clay-thickened grease with EP & antirust properties which shows outstanding heat resistance as its thickener is non melting. This grease is recommended for general industry which requires grease that does not melt where high temperature or very high temperature is experienced.

FEATURES

- PetroGulf High Temperature Grease minimizes the chances of bearing failure at high temperatures
- Good water wash out & protects against rusts
- Maintains effective lubrication at high temperatures through its strong resistance to softening
- Ideal for use in furnace door bearings and kiln car wheel bearings on shafts extending through furnaces
- Resists shock loading

ADVANTAGES

- Excellent load resistance, with unequalized EP and antiwear properties
- Excellent behavior in a wide range of temperatures of use, from -15 to +120°C
- Superior adhesiveness to metal surfaces and resistance to water washing out action
- Exceptional mechanical stability, even in presence of water
- Excellent antirust properties
- Excellent resistance to oxidation
- Easy pumpability by centralized lubrication system

TYPICAL CHARACTERISTICS

PetroGulf High Temperature Grease	
NLGI Grade	2
Dropping Point, °C	Not Applicable
Penetration, mm @ 25°C	280-285
Oil Viscosity	
cSt @ 40°C	90.0-100
cSt @ 100°C	10-11
Thickener (Modified Bentonite), m %	11-12
Operating Temperature Range, Continuous service, °C	-15 to 120
With frequent lubrication, °C	250-270

These characteristics are typical of current production. Whilst future production will conform to PetroGulf's specification, variations in these characteristics may occur.

HANDLING, HEALTH AND SAFETY

- Under normal conditions of use, this product presents no particular toxic hazard. Prevent any splashing and keep away from combustible material. Store under cover & away from any risk of pollution.
- The grease drums should be stored upright & surface of the grease should be smoothened to prevent oil separation into cavity.
- Dispose off used product correctly; do not pour into soil or drain.



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