



Gulf Gem

Premium Quality Polyurea Grease

Product Description

Gulf Gem grease is a premium quality extreme pressure aryl di-urea thickener-based grease for elevated temperatures, high speeds and extended lubrication intervals and provides unique advantage over conventional soap-based greases. These are manufactured from highly refined base oils and performance additives to provide excellent wear protection, good structural stability, resistance to water washout and effective protection from corrosion. Performance testing demonstrates it is an outstanding lubricant for anti-friction bearings, under extended periods at 177°C and remains functional at temperatures as low as -20°C

Features & Benefits

- Extremely high drop point ensures extended operating range in the most severe high temperature applications.
- Effective extreme pressure properties for efficient lubrication of heavily loaded components
- Improved mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings
- Good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Good low temperature fluidity/ pumpability even in cold weather making it ideal for use in centralised lubrication systems on vehicles as well as industrial applications
- Excellent oxidation stability leading to deposit free performance in operation

Application

- All types of grease-lubricated plain and anti-friction bearings, especially pre-packed and sealed-for –life bearings operating at elevated temperatures and/or high speeds and where contact with water is likely Heavy duty plain and rolling element bearings operating under severe conditions including shock loading in wet environments
- Applications involving moderate to high speeds and moderate loads
- Particularly suitable for dryer roll bearings, oven conveyor bearings, rotary steam joints, inducted draft fan bearings, electric motor bearings, commercial roof top air conditioning joints and equipment adjacent to high radiant heat sources
- Other automotive and industrial applications where such grease are recommended for use
- In applications where clay-thickened, aluminum complex, calcium complex, and sodium soap grease have previously been used, care should be taken to avoid contamination of Gulf Gem grease as these products have been found incompatible with aryl di-urea thickened greases

Specifications, Approvals & Typical Properties

Typical Properties		
Test Parameters	ASTM Method	Typical Values
Colour	Visual	Brown
Texture		Smooth
Base Oil viscosity @ 40 °C, cSt	D 445	100
Consistency, worked 60X	D 217	300
Dropping Point, °C	D 2265	302
Copper Corrosion	D 4048	1b
Rust Protection	D 1743	Pass

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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