



Gulf Crown EP

Multi-Purpose Extreme Pressure Lithium Grease

Product Description

Gulf Crown EP series greases are multipurpose extreme pressure lithium soap based grease for use in a wide range of heavy duty on-road trucking and automotive applications as well as varied industrial applications. 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. These greases are designed for the lubrication of rolling element and plain bearings such as those found in the steel, paper, mining, quarrying and construction industries. Gulf Crown MP greases are available in NLGI 00, 0, 1, 2 and 3.

Features & Benefits

- 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 lower consistency grades ideal for use in centralised lubrication systems on vehicles as well as industrial applications
- Excellent oxidation stability leading to deposit free performance in operation
- High drop point ensures extended operating range of up to 120°C.

Applications

- Wheel bearing and chassis component lubrication applications in heavy duty trucking and automotive vehicles
- General lubrication of axles, ball joints, universal joints, power take-offs, king pins, bushings.
- Heavy duty plain and rolling element bearings operating under severe conditions including shock loading in wet environments
- NLGI 00 and 0 grease : Steel mill lubrication where a softer grease is necessary for specialized dispensing systems and gearbox applications where semi-fluid greases are required.
- Other automotive and industrial applications where calcium and sodium based grease are not suitable for use

Specifications, Approvals & Typical Properties:

| Meets the following Specifications | | NLGI 00 | NLGI 0 | NLGI 1 | NLGI 2 | NLGI 3 |
|------------------------------------|-------------|----------------|-------------|-------------|-------------|-------------|
| ASTM D4950 GB-LB | | X | X | X | X | X |
| Typical Properties | | | | | | |
| Test Parameters | Test Method | Typical Values | | | | |
| Colour | Visual | Dark Brown | | | | |
| Texture | Visual | SF | Smooth | | | |
| Thickener Type | - | Lithium | | | | |
| Based Oil Viscosity @ 40 °C, cSt | D 445 | 200 | | | | |
| Worked Penetration at 25 °C | D 217 | 400/430 | 355/385 | 310/340 | 265/295 | 220/250 |
| Dropping Point, °C (min) | D 2265 | 170 | 180 | 185 | 195 | 195 |
| Oil Separation, mass% (max) | D 1742 | - | - | - | 5 | 5 |
| Operation Temperature °C | - | - 10 to 130 | | | | |
| Rust Test, °C | D 1743 | Pass | Pass | Pass | Pass | Pass |
| Product Code | | 0168 | 0488 | 0148 | 0158 | 0478 |

Properties mentioned above are typical only and minor variation, which do not affect the product performance, 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 our nearest Gulf KSA Distributor.