

Product Data

ZIE FETT CS2 High Performance Grease

Description:

ZIE FETT CS2 grease is a high performance premium grade grease formulated with Calcium Sulphonate thickener, carefully selected high performance additive and high viscosity index mineral oils. Calcium Sulphonate complex grease exhibits excellent flow property, non-ageing reversibility, outstanding Oxidation stability, shear stability and water resistance properties that are unmatched by other soap or non-soap based grease.

Features:

- Excellent shear stability
- Excellent resistance to water wash out
- Extended re-lubrication interval
- Excellent oxidation resistance, thus withstands sustained exposure to high temperature
- Enhanced load carrying capacity including shock loads due to higher base oil viscosity.
- Very wide operational temperature range.

Specifications:

- Meets requirements of NLGI 2

Applications:

ZIE FETT CS2 specially formulated grease is recommended for Continuous castors, coupling and run out rolls in steel plants, wheel bearing and C.V. joints in automobiles, rock crushers and conveyors in mining and bearings and spindles in pulp & paper mills. Also ideal for centralized lubrication system in heavy duty applications in steel plants where resistance to high temperature, high shock loading and water ingress are critical.

Typical characteristics:

| Characteristics | Test Method | FETT CS2 |
|---|-------------|--------------------------------|
| NLGI Grade | | 2 |
| Appearance / Structure | | HOMOGENEOUS, SMOOTH & TACKY |
| Colour | | Brownish |
| Soap Type | | Calcium Sulphonate Complex |
| Base Oil Type | | Mineral |
| Worked Penetration at 25°C, (+/-0.5°C, 0.1 mm units, after 60 strokes) | ASTM D217 | 265-295 |
| Drop Point, °C, Min. | ASTM D566 | - |
| | ASTM D2265 | 300 |
| Base oil viscosity @40°C, cSt | ASTM D445 | 320 |
| Copper Corrosion Test @100°C for 24 Hrs. | ASTM D4048 | 1A |
| Four-Ball Weld Load, kg, Min. | ASTM D2596 | 400 |
| Four-Ball Wear Scar Diameter, mm. | ASTM D2266 | 0.6 |
| Water Washout, @79°C, % wt. | ASTM D1264 | 3 |

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.