

## Product Data

### ZIE FETT EP0,EP00,EP000 Extreme Pressure Grease

#### Description:

ZIEL FETT EP SERIES is an extreme pressure, lithium-based, general-purpose industrial grease. These grades are specially formulated to meet the demand of an EP grease for boundary lubrication conditions to prevent excessive wear. It possess excellent shear stability, high load carrying capacity , high oxidation stability and capability to provide protection against rust and corrosion

Greases are recommended for the lubrication of both plain and anti-friction bearing in a wide range of application such as automotive and earth moving equipment , gear coupling , electric motors mining equipment and general industrial equipment

#### Features:

- Has excellent dispensing properties at low and high temperatures , ensuring trouble free lubrication with centralize lubrication system
- Provides good film thickness to avoid welding and seizure between moving parts due to shock loads
- Protects bearing from rust and corrosion

#### Specifications:

- Meeting requirements of IS 7623-1993 EP TYPE

## Typical characteristics:

| Characteristics                               | Test Method | Units              | FETT EPO                | FETT EP00               | FETT EP000              |
|---|-------------|--------------------|-------------------------|-------------------------|-------------------------|
| Appearance/Structure                          | Visual      | -                  | Amber, Smooth & Buttery | Amber, Smooth & Buttery | Amber, Smooth & Buttery |
| Thickener type                                | -           | -                  | Lithium Soap            | Lithium Soap            | Lithium Soap            |
| Base oil                                      | -           | -                  | Mineral oil             | Mineral oil             | Mineral oil             |
| Consistency                                   | ASTM D217   | NLGI Grade         | 0                       | 00                      | 000                     |
| Worked Penetration (60 strokes @ 25°C / 77°F) | ASTM D217   | 0.1 mm             | 377                     | 425                     | 464                     |
| Dropping point                                | IP 396      | °C                 | 175                     | 172                     | 165                     |
| Base Oil Viscosity @ 40°C / 104°F             | ASTM D445   | mm <sup>2</sup> /s | 169                     | 178                     | 178                     |
| Copper corrosion, 24 hours @                  | ASTM D4048  | Rating             | 1b max                  | 1b max                  | 1b max                  |
| Four Ball Weld Load test - Weld               | ASTM D2596  | kgf                | 250 min                 | 250 min                 | 250 min                 |

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.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.