

## Product Data

### ZIE FETT HD EPX0,EPX00 Extreme Pressure Grease

#### Description:

ZIEL FETT HD EP SERIES is an Heavy duty 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, very high load carrying capacity , very 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:

Properties	Test Method	EPX- 0 HD	EPX – 00 HD
NLGI Grade	-	<b>0</b>	<b>00</b>
Appearance/Structure	Visual	Semifluid & Smooth	Semifluid & Smooth
Soap Type	ASTM D3340	Lithium	Lithium
Worked Penetration @25°C, after 60 strokes, 0.1mm units.	ASTM D217	370	415
Drop Point, °C.	ASTM D2265	180	170
Viscosity of Base Oil @40°C, cSt.	ASTM D445	220	220
Copper Strip Corrosion @100°C for 24hrs.	ASTM D4048	1B	1B
Four-Ball Weld Load, Kg., Min.	ASTM D2596	250	250
Four-Ball Wear Scar Diameter, mm.	ASTM D2266	0.48	0.48

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.