

Product Data

ZIE FETT EPM2X High Performance Long Life Grease

Description:

- ZIEL FETT EPM2X is a high-pressure long-life grease for lubrication points subjected to pressure or impacts even under outdoor exposure.
- This grease is fortified with solid lubricant molybdenum disulphide and Mox-active to improve wear performance in metal-to-metal friction and slow to fast movements in roller bearing, plain bearings, slides guides, roller guides, ball and socket joints, splined shafts and threaded spindles. This grease is highly shear stable under high temperature and high loads with mixed friction.
- This grease is successfully used in glass, foundry, shipbuilding, marine, rail vehicles, engineering, chemical and steel industries etc.

Features:

- Extremely extended operating period even under high loads and optimum wear protection
- Improvement of the surface quality
- Largely prevents fretting corrosion
- Easily pumpable in centralised lubricating systems
- Resists water wash out
- Excellent corrosion protection
- Smoothing of existing surface damage

Specifications:

- Meets requirements of NLGI 2

Applications:

- For long-term and lifetime lubrication even under difficult operating conditions such as extreme pressure, vibrations, shock loads and a wide temperature range
- In highly loaded rolling and sliding bearings
- For bearings of spinning and grinding spindles
- For gear motors exposed to shock loads
- In screening and wood shaping machines
- For bearing surfaces of printing plates

Typical characteristics:

Characteristics	Test Method	FETT EPM2X
Appearance / Structure		AMBER, SMOOTH & BUTTERY
Soap Type		LITHIUM COMPLEX
Unworked Penetration at 25°C, (+/-0.5°C, 0.1 mm units)	ASTM D217	279
Worked Penetration at 25°C, (+/-0.5°C, 0.1 mm units, after 60 strokes)	ASTM D217	277
Drop Point, °C, Min.	ASTM D566	-
	ASTM D2265	258
Free Alkalinity, as % wt., Max.	IS : 1448 (P : 53)	0.056
Free Organic Acidity, as OLEIC acid, % wt.	IS : 1448 (P : 53)	-
Copper Corrosion Test @100°C for 24 Hrs.	ASTM D4048	1A
Four-Ball Weld Load, kg, Min.	ASTM D2596	350
Four-Ball Wear Scar Diameter, mm.	ASTM D2266	0.42
Water Washout, @79°C, % wt.	ASTM D1264	<5

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.