

Product Data

ZIE FETT EP2 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 NLGI , EP 2 & IS 7623-1993 EP TYPE
- Meeting Requirements of DIN 51825 :2004 -06 , KP 2K - 20

Typical characteristics:

Characteristics	Test Method	Units	FETT EP2
Colour	Visual	-	Pale Yellow
Thickener type	-	-	Lithium
Base oil	-	-	Mineral oil
Consistency	ASTM D217	NLGI Grade	2
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217	0.1 mm	265- 295
Dropping point	IP 396	°C	198
Base Oil Viscosity @ 40°C / 104°F	ASTM D445	mm ² /s	220
Anti Rust Performance (Emcor)	IP 220	Rating	0/0 max
Copper corrosion, 24 hours @ 100°C	ASTM D4048	Rating	1b max
Four Ball Wear test - Wear Scar Diameter (40 kgf / 75°C / 1200 rpm)	ASTM D2596	mm	1 max
Four Ball Weld Load test - Weld Point	ASTM D2596	kgf	250 min
Water Wash-out, 1 hour @ 79°C / 175°F	ASTM D1264	% wt	10 max
Oil separation, 168 hours@40°C (%)	IP121	% wt	6 max

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.



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