

Product Data

ZIE FETT EP1 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 possesses 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 bearings in a wide range of applications 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 centralized lubrication systems.
- Provides good film thickness to avoid welding and seizure between moving parts due to shock loads.
- Protects bearings from rust and corrosion.

Specifications:

- Meeting requirements of NLGI, EP 1 & ISO 7623-1993 EP TYPE

Typical characteristics:

Characteristics	Test Method	Units	FETT EP1
Colour	Visual	-	Pale Yellow
Thickener type	-	-	Lithium
Base oil	-	-	Mineral oil
Consistency	ASTM D217	NLGI Grade	1
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217	0.1 mm	320- 325
Dropping point	IP 396	°C	180
Copper corrosion, 24 hours @ 100°C	ASTM D4048	Rating	1B
Four Ball Weld Load test - Weld Point	ASTM D2596	kgf	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.