

Product Data

ZIE FETT ECO EPL 2 Extreme Pressure Grease

Description:

FETT EPL is a range of greases which comprises metal and lithium based products, containing premium quality mineral oils, fortified with extreme pressure (EP) additives as well as corrosion and oxidation inhibitors. These greases have been formulated with additives that provide good film strength under medium to high load.

Features & Benefits:

- High mechanical stability – the grease keeps its consistency in service ensuring long lubricant life
- Good adhesion – continuous lubrication and reduced consumption as film stays between lubricated surfaces
- Good water resistance – the grease film remains on the surface even in the presence of water
- Resistant to copper and steel corrosion – helps prevent rust and oxidation on metal surfaces
- Excellent EP and anti-wear properties – protects equipment against extreme loading and helps minimise bearing component wear
- Recommended for the operating temperature -20° c to 150° c

Specifications:

- Meeting requirements of NLGI 2

Typical characteristics:

Properties	Test Method	ZIE FETT ECO EPL2
NLGI Grade	-	2
Appearance/Structure	Visual	Brownish Black, Smooth & Homogenous
Soap Type	ASTM D3340	Metal Soaps
Unworked Penetration @25°C, 0.1mm units.	ASTM D217	275
Worked Penetration @25°C, after 60 strokes, 0.1mm units.	ASTM D217	277
Drop Point, °C.	ASTM D2265	175
Viscosity of Base Oil @40°C, cSt.	ASTM D445	150 - 165
Copper Strip Corrosion @100°C for 24hrs.	ASTM D4048	1B
Four-Ball Weld Load, Kg.	ASTM D2596	250
Four-Ball Wear Scar Diameter, mm.	ASTM D2266	0.6
Water Washout @79°C, % wt.	ASTM D1264	6
Roll Stability % change @50°C, for 16hrs.	ASTM D1831	8

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.