

Product Data

ZIE FETT WR2 High Performance Grease

Description:

Zie Fett WR2 greases are high performance premium quality greases formulated with high viscosity index mineral oil and a mixed of Lithium –Calcium thickeners. It contains a selection of additives to improve its lubrication, anti-oxidation, extreme pressure, anti-wear and anticorrosion properties. Owing to the addition of the lithium and calcium thickener, Zie Fett WR2 Lubricating greases are highly resistant to being washed out by water. It also provides corrosion protection in humid environment.

Features:

- Excellent mechanical stability so the grease structure does not soften or breakdown in service
- Excellent resistance to water wash out
- Good lubricity properties, protecting moving parts from wear and extend component life
- Excellent oxidation stability ensures longer grease life
- Very wide operational temperature range.
- Excellent Load carrying properties.

Application:

Zie Fett WR2 greases provide excellent performance in heavy duty plain and rolling element bearings operating in extreme conditions such as heavy load/ shock loads, presence of water etc. These greases are recommended for Steel mill rolls lubrication and other heavy industries such as paper mill, industrial construction, cement plant etc where above operating conditions are existing.

Typical characteristics:

Characteristics	Test Method	Units	ZIE FETT WR2
Colour	Visual	-	Beige Brown
Thickener type	-	-	Lithium Calcium
Base oil	-	-	Mineral oil
Consistency	ASTM D217	NLGI Grade	2
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217	0.1 mm	270 - 290
Dropping point	IP 396	°C	190
Base Oil Viscosity @ 40°C / 104°F	ASTM D445	mm ² /s	450
Anti Rust Performance (Emcor)	IP 220	Rating	0/0 max
Four Ball Weld Load test - Weld Point	ASTM D2596	kgf	280 min
Water Wash-out, 1 hour @ 79°C / 175°F	ASTM D1264	% wt	< 3.0

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.