

Product Data

ZIE FETT 222 Lithium Complex Grease

Description:

ZIE FETT 222 is a lithium complex grease made for industrial or construction equipments. Based on high quality mineral oils, ZIE FETT grease is formulated to provide excellent adhesion, structural stability and resistance to water. The grease has a very good of chemical stability and offer excellent protection against rust, corrosion and wear, especially on axles, rings and bearings. The operating temperature range is -15 to +150°C.

Features:

- High level of protection against wear, corrosion and oxidation. It helps to reduce downtime and maintenance cost
- combined with an exceptional degree of rust protection against acidic water.
- Very High anti-wear and extreme pressure performance to be suitable for a wide range of bearing speeds.
- Prolonged life between re-lubrication due to long product life even under severe operating conditions.
- Very high resistance to water washout.

Specifications:

- Meets requirements of NLGI 2

Applications:

Zie 222 Grease is recommended for bearings and slides in the Steel mills, Paper, Cement and Glass industries. It is suitable for centralized greasing system. Also it is recommended for Marine, Construction and Farm equipment applications. Its performance features make it an ideal choice for operating conditions including high temperature, water contamination, shock loading and extended relubrication operations.

Typical characteristics:

Characteristics	Test Method	FETT 222
Appearance / Structure		HOMOGENEOUS, SMOOTH & TACKY
Soap Type		LITHIUM COMPLEX
Worked Penetration at 25°C, (+/-0.5°C, 0.1 mm units, after 60 strokes)	ASTM D217	270
Drop Point, °C, Min.	ASTM D2265	260 MIN
Viscosity of Base Oil @40°C	ASTM D445	220
Free Alkalinity, as % wt., Max.	IS : 1448 (P : 53)	0.056
Copper Corrosion Test @100°C for 24 Hrs.	ASTM D4048	1A
Four-Ball Weld Load, kg, Min.	IP 239	320
Water Washout, @79°C, % wt.	ASTM D1264	<4
DIN Classification	DIN 51502	KP2N-30

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.