



GREASE LITHIUM EP

High Performance Extreme Pressure Lithium Greases

Grease Lithium EP are premium quality Extreme Pressure lithium soap thickened greases produced from low volatile high viscosity index mineral oils, superior fats/fatty acids, and a synergistic blend of additives and performance boosters.

Applications

- Provides optimum lubrication in all types of plain and roller bearings, sliding parts and mechanisms operating at moderate loads under ambient to medium temperatures up to 130 °C.
- Used as multipurpose wheel bearing and chassis greases in automotive applications.
- Applicable in centralized systems or by hand for automotive, industrial or marine equipment subjected to heavy loads.
- Suitable for lubrication of water pump bearings, machine tools, gears, couplings and universal joints

Performance Features

- Manufactured with highly –refined mineral oil and lithium soap and extreme pressure additives
- The additives guarantee good anti-rust, anti-corrosion, anti-oxidant and anti –wear protection
- Highly resistant to moisture and practically insoluble in water

Health, Safety & Environment

Grease Lithium EP is unlikely to present any significant HSE hazard when properly used in the recommended application whilst good industrial, personal hygiene and environmental standards are maintained.

Avoid contact with skin. Use impervious gloves with used oil. In the event of skin contact, wash immediately with soap and water.

Dispose used grease safely. Do not discharge into drains, soil or water.

Advice

Advice on applications not covered in this leaflet may be obtained from Eterna Plc, 5a Oba Adeyinka Oyekan Avenue Ikoyi , Lagos State, Nigeria

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Typical Characteristics

These characteristics are typical of current production. Whilst future production will conform to Eterna Specifications, variations in these characteristics may occur.

Typical Properties	METHOD	EP-2	EP-3
Appearance	-----	Brown	Brown
NLGI No	-----	2	3
Structure	-----	Smooth	Smooth
Soap Type	-----	Lithium 12 hydroxy stearate	Lithium 12 hydroxy stearate
Worked penetration @25°C, 60/60 Strokes, mm ⁻¹	ASTM D 217	265-295	220-250
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	135-165	135-165
Drop Point °C , Min	ASTM D 566	180	180
Rust Test max	ASTM D 1743	1	1
Roll Stability test penetration,% after 16hrs	ASTM D 1831	<25	<25
Four Ball Weld Load Kg, min	IP 239	>250	>250
Operating, °C		-20/130	-20/130