

Eiffel Xtreme Protect Grease EP Special

High Performance Lithium Complex Extreme Pressure Greases

Fortified with Graphite and Molybdenum Disulfide (MoS₂)



Product Data Sheet

Product Description

Eiffel Xtreme Protect Grease EP Special is high performance grease, formulated with lithium complex based thickeners, high viscosity index base oils and extreme pressure additive system to provide excellent protection against wear, rusting and water washout. They are blended with base oil viscosity of ISO VG 680 and fortified with Graphite and Molybdenum Disulfide (MoS₂), comprising of overall content to 12%. They are suitable for most types of Automotive and Industrial applications, including heavy-duty Marine applications where high temperatures, heavy loads, shock loads and extreme unit pressures are present. They are suitable for operating temperatures range from -20°C to 140°C.

Features & Benefits

- **Excellent resistance to water washout & Highly adhesive and cohesive grease structure** - resists washout of grease in equipment and provides good lubrication even in presence of water.
- **Excellent Oxidation and Thermal stability** - protects against deposit formation at high operating temperatures and oil thickening, thus maintains the life and performance of grease.
- **Outstanding load carrying capacity** - reduces wear under heavy or shock loading and vibrations, for good equipment reliability and performance.
- **Excellent corrosion protection** - protects bearing surfaces against corrosion, even when the grease is contaminated with water.
- **Outstanding mechanical stability** – resists grease softening in application, where extended mechanical working and high vibrations leads to subsequent loss of lubrication performance and leakage.

Specifications:

Meets & exceeds the following Industry specifications

- DIN 51502: KPF2N-20/ KPF3N-20
- ISO 6743-9: L-XBGHB-2/3

Application

Eiffel Xtreme Protect Grease EP Special is suitable for most types of Marine, Automotive & Industries.

- Recommended for lubricating antifriction and plain bearings, bushings and pins, operating under moderate to severe load conditions & in applications with high moisture ingress.
- EP 2 & 3 Special, fortified with Graphite & MoS₂ is suitable for maximum protection of plain or rolling element bearings operating under boundary lubrication regimes.
- This product is designed to extend bearing life under conditions of extremely slow speeds, heavy loads and high temperatures.

Typical Characteristics

Eiffel Xtreme Protect Grease	Test Method	Units	EP 2 Special	EP 3 Special
NLGI Grade	ASTM D 217	--	2	3
Thickener Type	--	--	Li-Cx + Graphite+MoS ₂	Li-Cx + Graphite+MoS ₂
Penetration, Worked @ 25 °C	ASTM D 217	0.1mm	265-295	220-250
Viscosity @ 40 °C	ASTM D 445	cSt	680	680
Dropping Point	ASTM D 566	°C	230 (min)	230 (min)
4-Ball Wear, Scar	ASTM D 2266	mm	0.4	0.4
4-Ball Weld Load	ASTM D 2596	Kg	580	580

The above figures are typical of blends with normal production tolerance and do not constitute a specification.