

Eiffel Protect Grease HT-EP2

High Temperature Clay based - Extreme Pressure Greases



Product Data Sheet

Product Description

Eiffel Protect Grease HT-EP2 is a high temperature grease, formulated with bentonite clay based thickener and extreme pressure additive system to provide extra protection against wear, rusting and water washout especially in industrial equipment operating under heavy loads and high temperatures. They are available in NLGI grades ranging from 00 to 3 with base oil viscosity of ISO VG 115. It retains its consistency at high temperatures and provides good storage stability.

Features & Benefits

- **Outstanding Non-melting capability** – protects bearing at very high operating temperatures where conventional soap-based greases fail to provide satisfactory lubrication.
- **Good extreme pressure & anti-wear properties** - protects bearing surfaces against severe wear, even under high load conditions.
- **Excellent Oxidation and Thermal stability** - protects against deposit formation at very high operating temperatures, thus maintains the life and performance of grease.
- **Excellent resistance to water washout** - resists washout of grease in equipment and provides good lubrication even in presence of water.
- **Excellent retention of consistency** – resists grease softening in application, where very high temperatures and mechanical working leads to subsequent loss of lubrication performance and leakage.

Application

Eiffel Protect Grease HT-EP2 is suitable for below applications:

- Drying Ovens
- Jaw Crushers
- Kiln cars
- Steel Mills
- Hot Rolling Mills
- Aluminum, Cement, Glass and Rubber plants

Typical Characteristics

Eiffel Protect Grease	Test Method	Units	HT-EP2
NLGI Grade	ASTM D 217	--	2
Thickener Type	--	--	Bentonite Clay
Penetration, Worked @ 25 °C	ASTM D 217	0.1mm	265-295
Viscosity @ 40 °C	ASTM D 445	cSt	115
Dropping Point	ASTM D 566	°C	Not Applicable
4-Ball Wear, Scar	ASTM D 2266	mm	0.4
4-Ball Weld Load	ASTM D 2596	Kg	250
Timken OK Load	ASTM D 2509	lbs	45

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