



Blu HT Grease Series

A high-performance lithium-based grease

PRODUCT DATA SHEET

Product Description

Blu HT Grease Series a high-performance lithium complex grease formulated with high-viscosity base oils and advanced extreme-pressure additives to provide excellent protection against wear, rust, and water washout. It is suitable for automotive, industrial, and marine applications operating under high temperatures, heavy loads, and extreme pressure conditions, ensuring reliable lubrication and extended component life.

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

Blu HT-EP series are suitable for below applications:

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



TYPICAL CHARACTERISTICS

Blu HT Grease Series	Test Method	Units	EP2	EP3
NLGI Grade	ASTM D 217	-	2	3
Thickener Type	-	-	Li-Moly	Li-Moly
Worked Penetration @ 25 °C	ASTM D 217	0.1mm	265-295	220-250
Base Oil Viscosity @ 40 °C	ASTM D 445	cSt	320	320
Dropping Point	ASTM D 566	°C	>=190	>=190
4-Ball Wear Scar	ASTM D 2266	mm	.4	.4
4-Ball Weld Load	ASTM D 2896	kg	315	315

These characteristics are typical of current product methods whilst future production will confirm to Bluenergy lubricants specifications, variations in these physical characteristics may occur.