Blu Moly EP Grease Series

A high-performance lithium-based grease

PRODUCT DATA SHEET

Product Description

A high-performance lithium-based grease fortified with molybdenum disulfide (MoS2), high-quality 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 heavy loads, shock loading, and extreme pressure conditions, ensuring reliable lubrication and extended component life.

Features & Benefits

- Good resistance to water washout – 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 shock loads 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.

Application

Blu Moly Grease EP series are suitable for most types of Marine, Automotive & Industrial applications

- Blu Moly Grease EP 00, EP 0 and EP 1 are suitable for heavily loaded centralized lubrication systems and other applications where low temperature performance and effective leakage control are required
- Blu Moly Grease EP 2 and EP 3 are suitable for antifriction and plain bearings, bushings and pins, operating under moderate to severe load conditions & in applications with high shock loads.

TYPICAL CHARACTERISTICS

Blu Moly Grease	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.