



Lithium Grease Series

A high-performance lithium-based grease

PRODUCT DATA SHEET

Product Description

A high-performance lithium-based grease formulated with advanced extreme pressure additives to provide excellent protection against wear, rust, & water washout. It is suitable for automotive & industrial applications operating under heavy loads & high pressure conditions, ensuring reliable lubrication, enhanced equipment protection, & long service life.

Features & Benefits

- *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.*
- *Good Oxidation and Thermal stability – protects against deposit formation at high operating temperatures and oil thickening, 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.*
- *Superior mechanical stability – resists grease softening in application, where extended mechanical working and high vibrations leads to subsequent loss of lubrication performance and leakage.*

Application

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

- *Lithium Grease EP 00, EP 0 and EP 1 are suitable for centralized lubrication systems and other applications where low temperature performance and effective leakage control are required.*
- *Lithium Grease EP 2 and EP 3 are suitable for multipurpose applications in antifriction and plain bearings, bushings and pins, operating under moderate to severe load conditions.*



TYPICAL CHARACTERISTICS

Blu Lithium Grease	Test Method	Units	EP000	EP00	EP0	EP1	EP2	EP3
NLGI Grade	ASTM D 217	-	000	00	0	1	2	3
Thickener Type	-	-	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Color	Visual	-	000	000	000	EP1	Cream	Cream
Texture	Visual	-	000	000	000	EP1	Smooth	Smooth
Worked Penetration @ 25 °C	ASTM D 217	0.1m m	445-475	400-430	355-385	310-340	265-295	220-250
Dropping Point	ASTM D 566	°C-	-	-	190 (min)	190 (min)	190 (min)	190 (min)
4-Ball Wear Scar	ASTM D 2266	mm	.5	.5	.4	.4	.4	.4
4-Ball Weld Load	ASTM D 2596	kg	240	240	250	250	250	250

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