

SuperMax Oil Germany Grease LMX Blue

Lithium Complex Grease



PRODUCT DESCRIPTION

SuperMax Oil Germany Grease LMX Blue Series are special lithium complex soap greases that are formulated with new generation functional saponification technology. Soap structure is built on high quality base oils and contains oxidation inhibitors, corrosion and rust inhibitors, extreme pressure (EP) and anti-wear (AW) additives.

ADVANTAGES

- High thermal stability,
- Continuous oil film durability,
- Endurance to water and corrosive chemicals,
- Mechanical stability is provided.
- Lifetime of rolling bearings extend
- Resistance to corrosion and rust
- Provides saving at grease consumption
- Perfect protection against water washout
- Reduce maintenance and labor cost
- Increase in production efficiency

CHARACTERISTIC PROPERTIES

Test	Unit	Test Method	Ideal Values	
NLGI	-	ASTM D 217	2	3
Soap Type	-	-	Lithium Complex	
Base Oil Type	-	-	Mineral	
Worked Penetration, 25°C'de	mm/10	ASTM D 217	265 - 295	220-250
Color	-	Visual	Blue	
Density, 15°C'de	g/cm ³	ASTM D 4052	0.89	
Base Oil Viscosity, 40°C	cSt	ASTM D 445	220	
4-Ball Weld Test	kgf	ASTM D 2596	315	
4-Ball Wear Test, 40 kg 60 min	mm	ASTM D 2266	0.5	
Oil Separation	% m/m	ASTM D 1742	1	
Water	% m/m	ASTM D 1264	1.6	
Dropping Point	°C	ASTM D 2265	>260	
Recommended Working Temperature	°C	ASTM D 2896	-21 / 170	

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STORAGE

Packages should be stored in cool, well-ventilated and covered areas; and their taps should be tightly closed and sealed when not in use. Packages should not be exposed to direct sunlight and avoid rapid climatic changes. Ambient temperature should not exceed 50 °C

SHELF LIFE

Under the appropriate storing conditions suitable to the declared circumstances, maximum shelf life of the products are two years.

HEALTH AND SAFETY

Based on the available information, SuperMax Oil Germany Grease LMX Blue are not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Material Safety Data Sheet" (MSDS). MSDS's are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties has to be taken into the consideration, and please follow the regional or national regulations