

GREASE LSY series

Series

Product Description:

GREASE LSY series is a fully synthetic lithium complex grease showing long life lubrication performance under high temperatures. It is formulated with medium viscosity synthetic PAO (polyalphaolefin) base stocks and specific functional additives. Owing a lithium complex thickener, the recommended operating temperature range is -30° C* to 150°C.

Properties:

- Good anti-corrosion and load carrying properties.
- Outstanding resistance to oxidation.
- Reduction of lubricant costs due to lower consumption.
- Excellent mechanical stability even in presence of plenty of water.
- Easy pumpability by centralized automatic lubrication systems.
- Shows sealing effect under hot and wet environment.
- Guarantees low wear at high temperatures.

Applications:

- **GREASE LSY 100** is extreme pressure grease primarily recommended for higher speed applications such as electric motors in all industries such as (cement, steel, oil and gas, paper, textile, ceramic, plastic and etc....)
- **GREASE LSY 220** comes with base oil viscosity 220 and is recommended for heavy-duty automotive and industrial applications such as (cement, steel, oil and gas, paper, textile, ceramic, plastic and etc....)
- **GREASE LSY 460** comes with base oil viscosity 460 is recommended for bearing under heavy loads and low to medium speed in the most applications.

Generally it could used

- In all areas where lithium complex greases are used which work between -25°C to 150°C
- Steel, Iron, cement, Mining, Paper and Carton Industry
- Automotive supply industry, Crushers, Automotive and railway vehicles axle bearing
- Higher speed applications such as electric motors.

Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

Packing Available in:

- 16 KG - 175

KG

Physical and chemical conditions:

GREASE LSY Series	Method	100	220	460
Appearance	Visual	Smooth and Homogeneous		
color	Visual	Beige		
Base Oil	-	Synthetic PAO		
Thickener	-	Lithium Complex		
Base Oil Viscosity@ 40°C	ASTM D 445	100	220	460
Worked Penetration (1/10 mm)	ASTM D 217	265 - 295	265 - 295	300 - 320
NLGI No	-	2	2	1.5
Dropping Point, °C	ASTM D 2265	>270	>270	>270
Four Ball EP, Kg	ASTM D 2596	>270	>270	375
Four Ball AW, mm	ASTM D 2266	Max.0.5		
Oil separation, Weight, %	ASTM D 6184	Max. 3.1		
Water Washout, Weight, %	ASTM D 1264	Max. 3		
Copper Strip Corrosion, 24 h, 100 C, Rating	ASTM D4048	1a	1a	1a
SKF Emscor Rust Test, 10% Synthetic Sea Water	ASTM D6138	0,1	0,1	0,1
SKF Emscor Rust Test, Distilled Water	ASTM D6138	0,0	0,0	0,0

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