

GREASE LX3

Product description

Indy Grease LX3 is manufactured using highly refined mineral base oils which are carefully selected and then fortified with synthetic polymers, using a lithium complex thickener to produce a highly shear stable foundation for the grease. Indy Grease LX3 manufactured to a NLGI 3 grade resulting in a grease of medium consistency

Application

- Recommended for the lubrication of heavily loaded plain and rolling-element bearings, pins, bushes, pivots, wheel bearings, couplings and other machinery components operating under high loads, shock loading, vibration and elevated temperatures.
- Suitable for mining, quarrying, construction, cement, steel, paper, agricultural, transport and general industrial equipment, including crushers, conveyors, mills and other slow- to moderate-speed machinery.Optimal operating conditions for this grease in terms of temperature, is from -40 to 175 degrees celcuis, however short periods of elevated temperatures can be tolerated without severe damage to the product.

Features & benefits

- Contains a blend of synthetic tackifiers, increasing its ability to resist water and adherence with all surfaces.
- Formulation includes a full treat of extreme pressure (EP) and corrosion preventative additives enabling the grease to meet or exceed internationally recognized performance standards.
- Very good thermal stability allowing the grease to perform for short periods of time under extreme temperatures, regaining its original texture after cooling to ambient temperature.
- Allows for long periods of storage or non-use in the application without and mechanical breakdown of the grease thickener (e.g. oil separation).
- After being subject to high temperatures, the grease has excellent reversal characteristics allowing the re-absorption of oil released after periods of high temperature.

Typical Characteristics:

DESCRIPTION	METHOD	UNITS	RESULT
NLGI Grade	ASTM D 217		3
Thickener Type			Li Complex
Colour	Visual		Tan
Appearance	Visual		Buttery, Tacky
Penetration	ASTM D 217	0.1mm	235
Dropping point	ASTM D 2265	°C	280
Viscosity of Oil @ 40°C	ASTM D 2983	cSt	460
4-Ball Wear Test Scar	ASTM D 2266	mm	0.45
4-Ball Weld Load	ASTM D 2596	kg	315
Timken OK Load	ASTM D 2509	lb	45
Corrosion Prevention	ASTM D 1743		Pass
Copper Strip Corrosion	ASTM D 4048		1B

Available Product Pack Sizes:

Part No.	Pack Size
OIL-00762	180KG
OIL-00761	15KG
OIL-00760	4.5KG

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When used as intended, this product is not expected to pose a health risk.
Used oil may be hazardous to health and the environment—always dispose of it responsibly and in accordance with applicable legislation.