



JUPITER PETROTEC PRODUCTS

[Mfrs of Automotive , Industrial , Speciality Products, Greases & Lube Additives]
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PRODUCT DATA SHEET

JUPITOL LITHICOM GREASE-NLGI-03

Product Category	Industrial Grease
Serial No	015
Date	01.04.2021

Product Description : Jupitol Lithcom Grease -03 Is formulated with Lithium Complex Soap Thickener with select types of mineral oils blend with additive package to provide high drop point, durable stay in performance during lubrication in high temperature operation between 160°C to 180°C under normal and heavy loads. This grease is formulated with special types of additives and performance chemistry for providing very less synergetic problems, increased oxidation stability, shear stability with high resistance to water washability, anti-rust, anti-wear properties.

Features & Benefits:

- Provides protection under heavy and shock loads Can sustain high operating temperatures. Superior performance as compared to conventional and non-soap greases for high temperature applications – Better bearing protection and extended regreasing interval.
- Reliable corrosion protection in wet condition which extends equipment life
- The additive and the base oil composition of the grease is so balance to provide good adhesion and superior water resistance properties thereby the use of grease is very minimal and less consumption and better bearing protection.
- With its Low Co-efficiency of Friction, reduces power consumption.
- It operates between 0° to 180°C and hence requires low torque requirement and stable operation.

Applications / Recommendations:

Suitable for lubrication of all types of industrial bearings operating under higher than ambient temperature conditions under heavy loads.

Typical applications include kiln car rollers, hot air fan bearings, electric motor bearings and clutch release bearings in the metallurgical, ceramic, cement Industries.

TYPICAL PROPERTIES OF JUPITOL LITHICOM GREASE

S.no	Properties	Specification for Jupitol Lithicom Greases – NLGI-03
01	NLGI Grade	3
02	Colour	Dark Brown
03	Thickener	Lithium Complex
04	Base Oil	Mineral
05	Kin. Viscosity of the Oil at 100°C (Min)	18.6 cst
06	Worked Penetration after 60/60 Stokes	220 - 250
07	Dropping Point in °C	+260°C
08	Four Ball Weld Load, in Kg. (Min)	280
09	Four Ball Wear Scar Dia, in mm	0.5 max
10	Timken OK Load, in Kg (Min)	22
11	Water Wash Out Testing the % of Grease Loss at 80°C (Max)	< 5
12	Oxidation Stability, Pressure drop in KG/CM ² after 100 Hrs at 99°C	0.5
13	EMCOR Rust Protection Test	0,0

Pack Sizes Available: 180 Kgs MS Barrels and 20 Kgs HDPE Pails