

SYNTH M-PD LCX-2 10 (XG-276)

DESCRIPTION:

SYNTH M-PD LCX-2 10 lithium complex soap thickened grease with a low viscosity synthetic base fluid for excellent low temperature performance with molybdenum disulphide solid lubricants which develops a tenacious low friction film with an excellent load carrying capacity with excellent antiwear properties. It is also fortified with additives such as EP properties, Rust and Corrosion inhibitor and anti-oxidant to reduce wear, provide good water repellency and oxidation stability.

APPLICATIONS

- It is specially developed for low temperature aerospace grease to give outstanding operational performance on a wide range of multipurpose applications in airframe components, bearings, actuators, Pinion, gears & gear boxes, Linkages, Slides, Universal joints, Kingpins, Guides, Chains, Electric motors, Pumps, bushes & sliding surfaces where high loads are encountered.
- Demonstrates excellent low temperature performance with extremely low starting and running torque figures. It provides excellent performance in the presence of water.
- Encounter as low to medium loads and high speeds at low to medium temperature.

ADVANTAGES & BENEFITS

Conforms is approved to: JSD XG-276, DEF STAN 91-57/2, NATO G-353

- It provides exceptional stability in the most extreme conditions.
- Single grease for multipurpose applications for navy defense & aerospace grease.
- Reduces the co-efficient of friction of the lubricated system.
- It offers excellent performance in extreme temperatures ranging from -73°C to +130°C.
- Highly resistant to water washout, Reduces maintenance downtime.
- Increases bearing life by reduction in wear & tear, Protects from rust and corrosion.

PROPERTIES OF SYNTH M-PD LCX-2 10 GREASE

NLGI	2
Thickener & Soap Type	Lithium Complex + EP Properties
Colour & Appearance	Grey to Black, Smooth Homogeneous
Solid Lubricants	Molybdenum disulfide
Base Oil Type	Synthetic base oil
Worked Penetration	265 - 295
Dropping Point	+200
Viscosity @ 40°C	13.2 (Synthetic oil)
Viscosity @ 100°C	3.1 (Synthetic oil)
Specific Gravity	0.90 ± 0.1
4-Ball Weld Load	800 pass
Water Washout @ 80°C (%)	7.4
Copper strip Corrosion @ 100°C for 24 hrs.	Negative
Roll Stability % Change, Max	0.09 (max)
Temperature Range	-73°C to +130°C
EMCOR rust test	0,0
Additives	Anti: wear, rust, corrosion & oxidant

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