

## SYNTH PD LCX-1.5 10 (XG-287)

### DESCRIPTION:

**SYNTH PD LCX-1.5 10** is a lithium complex soap thickened grease with a low viscosity synthetic base fluid for excellent low temperature performance that develops a low friction film 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, including bearings, actuators, gears, bushes and sliding surfaces, even where high loads are encountered. Can also be used for Pinion, Gears, Linkages, Slides, Universal joints, Kingpins, Guides, Chains, Electric motors, Pumps etc.
- 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.
- Used for all types of Linkages, Slides, Kingpins, Guides, Chains, Centralized lubrication systems, etc.

### ADVANTAGES & BENEFITS

**Performance standard meets: DEF STAN 91-53, JSD XG 287, NATO G – 354.**

- Single grease for multipurpose applications for navy defense & aerospace grease.
- It provides exceptional stability in the most extreme conditions
- 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 PD LCX-1.5 10 GREASE

NLGI	1/2
Thickener & Soap Type	Lithium Complex + EP Properties
Appearance	Beige, Smooth Homogeneous grease
Colour	Beige to Light Brown
Base Oil Type	Synthetic base oil
Worked Penetration	295 - 310
Specific Gravity	0.90 ± 0.1
Dropping Point	+200
Viscosity @ 40°C	13.2 (Synthetic oil)
Viscosity @ 100°C	3.1 (Synthetic oil)
4-Ball Weld Load	800 pass
Water Washout @ 80°C (%)	8 (typical)
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	1 (max)
Additives	Anti-wear, Anti-rust, Anti-corrosion and Anti-oxidant

**POWERMAXX LUBE INDIA**

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