

## SYNTH PD LCX-2 50 (XG-294)

### DESCRIPTION:

**SYNTH PD LCX-2 50** grease is premium quality Lithium Complex soap based grease formulated with advanced highly stable chemical with EP additives and combination of low viscosity synthetic base oil for an extensive range of applications including low temperatures, high temperatures and high loads. It is also fortified with a synergistic blend of additives such as rust & corrosion inhibitors and antioxidants to provide unusually good protection against frottage and tribocorrosion. It provides good water resistance, excellent wear protection.

### APPLICATIONS

**SYNTH PD LCX-2 50** recommended applications: All types of plain and anti-friction Ball and Roller Bearings and Bushings, Rack and Pinion, Gears & Gear boxes, Linkages, Slides, Universal joints, Kingpins, Guides, Chains, large mining shovels, Sliding loaders, marine equipments etc and other mechanisms over a wide temperature range. Also recommended for all application involving water contamination.

### ADVANTAGES & BENEFITS

**Conforms to DEF STAN 91-106/2, JSD XG 294, NATO G-1352**

- Single grease for multipurpose applications for navy defense & aerospace grease.
- Excellent temperature range -55°C to 180°C.
- It has extremely low start up and running torques even at temperatures down to -55°C.
- Reduced wear under heavy shock loads and vibration for good equipment reliability and availability.
- Protection against rust and corrosion, resistance to water washout for equipment protection.
- Extended bearing life, Increases Re-Lubrication Interval and also reduce energy consumption
- Good pump ability in centralized systems, Effective leakage control.
- Highly resistance to water washes out – Better bearing protection and lower grease consumption.

### PROPERTIES OF SYNTH PD LCX-2 50 GREASE

NLGI	2
Thickener Type	Lithium Complex + EP Properties
Appearance	Smooth Homogeneous Grease
Colour	Beige to Light Brown
Base Oil Type	Synthetic base oil
Worked Penetration	265 - 295
Specific Gravity	0.90 ± 0.1
Dropping Point	280 min
Viscosity @ 40°C	50
Viscosity @ 100°C	8.1
4-Ball Weld Load	620 pass
Water Washout @ 80°C	4
Copper Strip Corrosion	Negative
Starting Torque	0.63 Nm
Running Torque	0.22 Nm
Temperature Range	-55°C to 180°C
Additives	Anti-wear, Anti-rust, Anti-corrosion & Anti-oxidant

**POWERMAXX LUBE INDIA**

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