

S-SYNTH PD LCX-2 40 (XG-279)

DESCRIPTION:

S-SYNTH PD LCX-2 40 grease is premium quality Lithium Complex soap based grease formulated with advanced highly stable chemical with EP additives and combination of low viscosity semi-synthetic base oil (poly-alpha-olefin synthetic & mineral 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

- **S-SYNTH PD LCX-2 40** recommended applications for General Artillery Aviation (GAA) grease & Shipping industries is a high performance grease designed to lubricate bearings, pins and sliding parts in military automotive equipment (trucks, tanks, artillery guns, etc...).
- It resists very well to water wash-out & also recommended for all application involving water contamination - the primary cause of bearing failures of wheel bearings. Excellent temperature range -40°C to 180°C.

ADVANTAGES & BENEFITS

Conforms to DEF STAN 91-27, JSD XG 279, NATO G-403

- Single grease applications for defense equipment military automotive, Aviation & Shipping.
- It has extremely low start up and running torques even at temperatures down to -40°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
- The high-melting lithium complex thickener also enables to withstand high temperature without melting or softening. Good pump ability in centralized systems, Effective leakage control.
- Highly resistance to water washes out – Better bearing protection and lower grease consumption.

PROPERTIES OF S-SYNTH PD LCX-2 40 GREASE

NLGI	2
Thickener Type	Lithium Complex + EP Properties
Colour & Appearance	Smooth Homogeneous & Beige to Light Brown
Base Oil Type	Semi-Synthetic base oil (Mineral & Synthetic)
Worked Penetration	265 - 295
Specific Gravity	0.90 ± 0.1
Dropping Point	280
Viscosity @ 40°C	38
4-Ball Weld Load	+450
Evaporation loss, 22 h at 100°C %	0.4
Oil separation, 30h at 100°C	4.0
Water washout	1%
Copper Strip Corrosion	1a pass
Temperature Range	-55°C to 180°C
Torque at -54°C (starting / 5 min)	2.66 / 0.04
Emcor Test	0:0
Additives	Anti: wear, rust, corrosion & oxidant

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