

SYNTH SILICON LCX-2 40 (XG-315)

DESCRIPTION:

SYNTH SILICON LCX-2 40 grease is premium quality Lithium complex soap thickened lubricant with a silicone base fluid formulated with advanced highly stable chemical with EP additives and combination of low viscosity synthetic base oil for an extensive extreme low temperature range of applications widely used in pneumatic systems found in ships and aircraft, also guided weapons and automotive application. 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 SILICON LCX-2 40 recommended applications: This grease is widely used in pneumatic systems found in ships and aircraft, also guided weapons and automotive applications. It is compatible with most plastics and rubbers (excluding silicone rubbers).

ADVANTAGES & BENEFITS

Conforms to DEF STAN 91-56/3, JSD XG-315, NATO G-394

- Single grease for multipurpose applications for navy defense & aerospace grease.
- Excellent temperature range -75°C to 160°C.
- It has extremely low start up and running torques even at temperatures down to -75°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 SILICON LCX-2 40 GREASE

NLGI	2
Thickener Type	Lithium Complex
Colour & Appearance	Smooth off white grease
Base Oil Type	Synthetic Silicon base oil
Worked Penetration	265 - 295
Evaporation loss 22hrs @ 150°C	4.5%
Oil separation 168 hrs at 40°C	1.8%
Dropping Point	280 min
Viscosity @ 40°C	40
Viscosity @ 100°C	14.1
4-Ball Weld Load	620 pass
Water Washout @ 80°C	4
Copper Strip Corrosion	pass
Starting Torque	62.5 m Nm
Running Torque	25.4 m Nm
Temperature Range	-75°C to 160°C
Additives	Anti: wear, rust, corrosion & oxidant

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