



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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LUBRIPLATE SYN "1600" Series Synthetic High Performance Greases

The LUBRIPLATE SYN "1600" Series of Synthetic High Performance Greases are 100% synthetic products. They are not synthetic blend greases. This produces far superior oxidation stability, better wear protection and significantly better operating temperature ranges. Manufactured with 100% polyalphaolefin (PAO) base fluids and thickened with lithium-complex, the LUBRIPLATE SYN "1600" Series greases are compatible with conventional lithium-thickened, mineral oil-based greases. The LUBRIPLATE SYN "1600" Series greases are fortified with additives to prevent rust and corrosion and to reduce grease bleed.

FEATURES

1. Manufactured with 100% PAO synthetic base fluid

2. Lithium-complex thickener

3. Multi-functional additive system

BENEFITS

- Outstanding effective lubricating temperature range, -50°F to 450°F.
- Unsurpassed oxidation stability.
- Compatibility with most mineral oil-based greases.
- High dropping (melting) points to 500°F (260°C).
- Outstanding shear stability. These greases do not thin out when worked in the application.
- Perfect for multi-purpose and heavy-duty industrial applications and all automotive applications.
- Reduces grease product needs. LUBRICANT CONSOLIDATION.
- Prevents wear.
- Prevents rust and corrosion.
- Prevents grease bleed < 2%.

(Over)

TYPICAL CHARACTERISTICS:

	<u>SYN-1602</u>	<u>SYN-1601</u>	<u>SYN-1600</u>
Base Oil Properties:			
ISO (VG)	460	220	220
Kinematic Viscosity @ 40°C	446	218	218
Kinematic Viscosity @ 100°C	45	26	26
Flash Point °C/°F	262°C/505°F	260°C/500°F	260°C/500°F
Fire Point °C/°F	288°C/550°F	288°C/550°F	288°C/550°F
Pour Point °F	-45°F	-50°F	-50°F
NLGI Grade (ASTM D-217)	2	1	0
Texture	Smooth	Smooth	Smooth
Dropping Point °C (ASTM D-2265)	> 260°C	> 260°C	> 260°C
Timken EP Test (ASTM D-2509) OK Load	60 lbs.	50 lbs.	50 lbs.
Four Ball EP Test (ASTM D-2596)	400 kg.	400 kg.	400 kg.
Oil Separation (ASTM D-1742)	< 1.5%	< 5.0	n/a
Evaporation Loss (ASTM D-972) @ 100°C	< 1.0%	< 1.0%	< 1.0%
Oxidation Stability (ASTM D-942) psi drop after 100 hours	1½ psi	1½ psi	0 psi
Corrosion (ASTM D-130) 3 hours	1a	1a	1a
Rust Preventative Properties 48 hrs @ 52°C (ASTM D-1743)	Pass No Corrosion	Pass No Corrosion	Pass No Corrosion
Wheel Bearing Leakage (ASTM D-4290)	1.6 gms	4.78 gms	n/a

Packaging Available

	<u>SYN-1602</u>	<u>SYN-1601</u>	<u>SYN-1600</u>
35 lb. Pail	L0302-035	L0301-035	L0300-035
120 lb. Drum	L0302-039	L0301-039	L0300-039
420 lb. Drum	L0302-040	L0301-040	L0300-040
Case 40/14.5 oz. Cartridges	L0302-098	L0301-098	-----