



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

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LUBRIPLATE SYN-3002 & SYN-3001

LUBRIPLATE SYN-3002 & SYN-3001 are 100% synthetic greases formulated with a polyalphaolefin base fluid. They are fortified with molybdenum disulfide for maximum anti-wear protection in all types of bearings. They may be recommended for numerous heavy-duty industrial, construction and automotive applications.

Features

100% PAO Synthetic Base Fluid

Contains 5% Molybdenum Disulfide

Lithium Complex Thickener

Benefits

Wide operating temperature range.

Meets the requirements of heavy-duty construction equipment including all grease specifications set by Caterpillar.

High melting point and outstanding resistance to water and fluid contaminants.

Typical Test Data

Typical Characteristics

	<u>SYN-3002</u>	<u>SYN-3001</u>
Thickener	Lithium Complex	Lithium Complex
Anti-Wear System	5% Molybdenum Disulfide	5% Molybdenum Disulfide
Texture	Tacky	Tacky
Color	Gray/Black	Gray/Black

(Over for additional Test Data)

LUBRIPLATE SYN-3002 & SYN-3001:**Typical Test Data (Cont'd.)**

<u>Base Oil Properties</u>		<u>SYN-3002</u>	<u>SYN-3001</u>
Base Fluid		100% PAO	100% PAO
ISO VG		460	220
Kinematic Viscosity @ 40°C		445	218
Kinematic Viscosity @ 100°C		45	26
Flash Point		262°C/505°F	260°C/500°F
Fire Point		288°C/550°F	288°C/550°F
Pour Point		- 45°F	- 50°F
NLGI No.		2	1
Dropping Point	ASTM D-2265	> 260°C	> 260°C
Four Ball EP Weld Load; Kg	ASTM D-2596	620	360
Timken OK Load	ASTM D-2509	60	60
Oil Separation	ASTM D-1742	< 1.0%	< 2.0%
Rust Prevention Properties 48 Hrs. @ 52°C (Bearing Rust)	ASTM D-1743	Pass; No Corrosion	Pass; No Corrosion
Leakage of Wheel Bearing	ASTM D-4290	2.06 g	5.29 g
Fretting Wear	ASTM D-4170	0.8 mg	2.2 mg
Copper Corrosion	ASTM D-130	1b	1b

Packaging & Part No's are as follows:

<u>Packaging Available</u>	<u>SYN-3002 Part No.</u>	<u>SYN-3001 Part No.</u>
420 lb. Drum	L0316-040	L0315-040
120 lb. Drum	L0316-039	L0315-039
35 lb. Pail	L0316-035	L0315-035
Case 40/14.5 oz. Cartridges	L0316-098	L0315-098