



ISO-9001 Registered Quality System
ISO-21469 Compliant

Sales, Service & Distribution Center

Newark, NJ 07105

Phone: 973-589-9150

Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center

Toledo, OH 43605

Phone: 419-691-2491

Fax: 419-693-3806

Sales and Tech Service Support

Phone: 1-800-733-4755

LUBRIPLATE SYN GR-132

LUBRIPLATE SYN GR-132 is a 100% synthetic, state-of-the-art grease for medium to very high speed anti-friction bearings. Its polyalphaolefin (PAO) plus ester base fluid combined with a lithium complex thickener makes LUBRIPLATE SYN GR-132 very compatible with many types of mineral oil based and synthetic greases. The PAO/Ester combination also enables LUBRIPLATE SYN GR-132 to accommodate very low application temperatures. LUBRIPLATE SYN GR-132 is also ideal for many types of automatic grease dispensing systems.

<u>Physical Properties</u>	<u>Method</u>	<u>Unit</u>	<u>Result</u>
Appearance	Visual		Off-White
Texture	Visual		Smooth
Thickener Type			Lithium Complex
NLGI Grade			2
Worked Penetration 60 Strokes	ASTM D-217		265 - 295
Dropping Point	ASTM D-566	°C/°F	230°/445°
Service Temperature Range, (Estimated)		°C/°F	-45° to 130°/-49° to 266°
Base Fluid Type			PAO/Ester
Viscosity @ 40°C	ASTM D-445	cSt	23
Pour Point	ASTM D-97	°C/°F	< -55°/-67°
Flash Point	ASTM D-92	°C/°F	196°/385°

Performance Characteristics

Water Washout	ASTM D-1264	%	< 3.0
Emcor Rust Test (Distilled Water)	ASTM D-6138	Rating	0
Rust Preventive Properties (48 hrs & 52°C)	ASTM D-1743	Rating	Pass; No Corrosion
Pressure Vessel Oxidation Test @ 100 hrs	ASTM D-942	psi	1.5 psi drop
Oil Separation, 24 hrs @ 150°C	ASTM D-1742	%	< 5.0
Four Ball Wear, 40 Kg, 1200 rpm; 1 hr @ 75°C	ASTM D-2266	mm	0.50
Four Ball Weld Load	ASTM D-2596	Kg	200
Low Temperature Torque @ -20°C	ASTM D-1478		
Starting Torque		g-cm	436
1 Hour Running Torque		g-cm	169

(Continued)

LUBRIPLATE SYN GR-132

<u>Physical Properties</u>	<u>Method</u>	<u>Unit</u>	<u>Result</u>
Penetration Unworked	ASTM D-217		281
Penetration Worked 60 Strokes	ASTM D-217		282
Penetration Worked 10,000 Strokes	ASTM D-217		284

Lincoln Ventmeter Test Results:

400 PSIG Vent Reading @ 76°F
500 PSIG Vent Reading @ 30°F
700 PSIG Vent Reading @ 0°F

Packaging Available

Case 40/14.5 oz. Cartridges
35-lb. Pail
115-lb. Drum
400-lb. Drum

Part No.

L0336-098
L0336-035
L0336-039
L0336-040