



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

PRODUCT DATA

LUBRIPLATE "APG" SERIES

DESCRIPTION

LUBRIPLATE "APG" products have high viscosity indexes ensuring stable products over a wide temperature range, high film strength, high aniline points that make them compatible with seals and gaskets and high resistance to oxidation, sludge and varnish.

ADVANTAGES

LUBRIPLATE "APG" Series meet, exceed or are approved by many leading equipment manufacturers:

MIL-PRF-2105E and MIL-L-2105D • API GL-5 and API MT-1 • Rockwell-Standard (Timken) Hypoid Gear Axles • Eaton Spiral Bevel & Hypoid Axles • Clark Equipment – Terex • Marion Power Shovel Gear Oils 601-7 • Mack GO-B, GO-C, GO-E, GO-F, GO-G, and GO-H • International Harvester SP Lubricants • GMC Truck & Coach - All Conventional Axles • Autocar • Brockway • Chevrolet • Diamond Reo • Dodge • Ford • Jeep • K-W Dart • Peterbilt • White • White-Freightliner • American Motors Cars • Chrysler Cars • General Motors Passenger Cars • Reliance Electric • Master Gear Head Right Angle Worm & Combination Gear Reducers • Alling-Lander Speed Reducers

Additional acceptable users of the LUBRIPLATE "APG" Series are:

Datsun • Toyota • Alfa Romeo • Auto-Union Audi • BMW • Citroen • Daimler-Benz • Fiat • Jaguar • Daimler • Lancia • Lotus • Morrie • N.S.U. • Opel • Renault • Rolls-Royce • Rootes • Rover • Simca • Standard-Triumph • Vauxhall • Volkswagen • Volvo • Land Rover • Duetz • Leyland

Typical Test Data – See Back

APPLICATIONS

LUBRIPLATE "APG" Series was developed and designed to meet the majority of automotive and industrial gear applications, including military specification MIL-PRF-2105E and MIL-L-2105D. LUBRIPLATE "APG" Series also meets API GL-5 and MT-1.

PACKAGING AVAILABLE

	<u>APG-75</u>	<u>APG-80</u>
Case, 4/7 lb. Plastic Jugs	L0116-007	L0117-007
Case, 12/2 lb. Plastic Bottles	***	L0117-013
35 lb. Pail	L0116-035	L0117-035
120 lb. Drum	L0116-039	***
415 lb. Full Size Drum	L0116-040	L0117-040

PACKAGING AVAILABLE

	<u>APG-90</u>	<u>APG-140</u>
Case, 4/7 lb. Plastic Jugs	L0118-007	L0119-007
Case, 12/2 lb. Plastic Bottles	L0118-013	L0119-013
35 lb. Pail	L0118-035	L0119-035
120 lb. Drum	L0118-039	L0119-039
415 lb. Full Size Drum	L0118-040	L0119-040
Carton, 36/10 oz. Tubes	L0118-092	***

PACKAGING AVAILABLE

	<u>APG-250</u>
Case, 4/7 lb. Plastic Jugs	L0120-007
Case, 12/2 lb. Plastic Bottles	L0120-013
35 lb. Pail	L0120-035
120 lb. Drum	***
415 lb. Full Size Drum	L0120-040

PROPERTY		TEST METHOD	TYPICAL RESULTS*				
			ASTM	APG-75	APG-80	APG-90	APG-140
Viscosity:	SUS @ 100°F	ASTM D-2161	152	356	857	2220	3700
	cSt @ 40°C	ASTM D-445	31	67	185	410	701
	SUS @ 210°F	ASTM D-2161	44	58	92	152	203
	cSt @ 100°C	ASTM D-445	5.5	9	18.6	31	42
Viscosity Index		ASTM D-2270	113	113	112	107	100
API Gravity		ASTM D-287	23.4	28.0	26.5	26.0	25.8
Flash Point		ASTM D-92	350°F/ 177°C	380°F/ 193°C	428°F/ 220°C	405°F/ 207°C	390°F/ 199°C
Fire Point		ASTM D-92	365°F/ 185°C	440°F/ 227°C	440°F/ 227°C	440°F/ 227°C	450°F/ 232°C
Pour Point		ASTM D-97	-55°F/ -48°C	-35°F/ -37°C	-20°F/ -29°C	0°F/ -18°C	5°F/ -15°C
Color		ASTM D-1500	L-2 to 2	L-2 to 2	L-3 to L-3.5	L-4 to L-4.5	L-4.5 to L-5
Government Qualification No.			***	MA-1248	MA-1249	MA-1250	***
SAE No.			75W	80W-80	85W-90	85W-140	250
ISO Grade			32	68	150/220	460	680
AGMA No.			2 EP	3 EP	4 - 5 EP	7 EP	8 EP
Brookfield Tests of "APG" Oils		APG-75	85,000 to 104,000 CP @ -40°F 150,000 CP allowable @ -40°F				
		APG-80	50,000 CP @ -15°F 150,000 CP allowable @ -15°F				
		APG-90	16,000 CP @ 10°F 150,000 CP allowable @ 10°F				
		APG-140	78,000 CP @ 10°F 150,000 CP allowable @ 10°F				