



TOP 1 OIL PRODUCTS COMPANY

PRODUCT DATA SHEET

Revised: Sep 2017

LSD GEAR OIL 75W-90

DESCRIPTION

LSD GEAR OIL 75W-90 is a high quality, multipurpose gear lubricant designed for high performance automotive applications, specifically limited slip differentials. LSD GEAR OIL 75W-90 reduces wear and provides cleanliness in extreme conditions. This thermally stable gear lubricant is designed to operate and protect in both high and low extreme-temperature conditions.

FEATURES AND ADVANTAGES

- API GL-5/MT-1
- Meets SAE J2360 (MiL-PRF-2105E) requirements
- Meets Mack GO-J and other European performance requirements
- Recommended for BMW final drives requiring limited-slip performance properties
- Recommended for GM, Ford, Chrysler, Mercedes, Mitsubishi, Volvo, Toyota
- Extreme-Pressure additives for wear protection

TYPICAL SPECS

GRADE, SAE	ASTM TEST	75W-90
API Service Designation		GL-5/MT-1
Flash Point, °C	D-92	210
Pour Point, °C	D-97	-48
Viscosity:		
cSt @ 100°C	D-445	15
cP @ -40°C, Brookfield	D-2683	130,000
Viscosity Index	D-2270	145
Color	D-1500	2.0
Product Number:		
12x1 L		14391

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA, 94401, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com



TOP 1 OIL PRODUCTS COMPANY

PRODUCT DATA SHEET

Revised: Sep 2017

MP GEAR OIL

DESCRIPTION

MULTI-PURPOSE (MP) GEAR OILS are thermally stable, extreme pressure, multi-purpose gear lubricants formulated to withstand the most severe conditions including extreme temperatures and high load conditions. These long-life gear oils exceed API service classification GL-5/MT-1. MP GEAR OILS are manufactured from the highest quality base oils fortified with VI improvers, rust inhibitors, foam suppressants, anti-wear, and extreme pressure additives and pour point depressants. These multi-viscosity grades may be used over wide temperature ranges.

FEATURES AND ADVANTAGES

- Exceeds API GL-5
- SAE J2360
- Mack Specification GO-J
- Exceptional thermal and oxidation stability
- All-weather protection
- Long lubricant life
- Protects hypoid gears from wear and scuffing
- Multi-viscosity provides year round use
- Compatible with other automotive gear oils

TYPICAL SPECS

GRADE, SAE	90	140	80W-90	85W-140
Gravity, °API	25.1	23.8	26.0	24.5
Flash Point, °C	216	227	213	221
Pour Point, °C	-15	-18	-32	-15
Viscosity @ 40°C, cSt	229	523	172	347
Viscosity @ 100°C, cSt	19.2	31.7	16.3	25.5
Viscosity Index	95	90	98	96
Color, D1500	5.0	7.0	5.5	7.0
Brookfield, cPs (-26°C)			90,000	
Brookfield, cPs (-12°C)				85,000
Product Number:				
1x18.95 L (5 Gal)	10325	10335	10355	10345
1x200 L (53 Gal)	10327	10337	10357	10347
1x208 L (55 Gal)			10357-55	10347-55

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA, 94401, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com



INDUSTRIAL EP GEAR OIL

DESCRIPTION

Industrial EP Gear Oil is formulated from high quality high VI base oils combined with selected additives to provide resistance to foaming, rusting, corrosion, and oxidation. A sulfur-phosphorus additive is used to give this oil its extreme pressure characteristics which permit industrial gears to withstand heavy loads and shock loading. Unique additive package employed in industrial EP Gear Oil is non-corrosive to brass, bronze, steel, or other alloys.

FEATURES AND ADVANTAGES

- Meets AGMA (American Gear Manufacturers Association) Gear Specifications 2 EP thru 8 EP.
- Used in bevel, spur, herringbone, planetary, worm and industrial hypoid gears.
- Also used in chain drives, sprockets, plain and anti-friction bearings, slide guides and flexible couplings.
- Recommended for use in manual transmissions, gear cases and worm gears on mobile contractor type equipment.
- Can be used in lubricant misting applications.
- Truly multi-purpose product – wide range of applications.
- Excellent EP and anti-wear properties.
- Superior thermal stability for longer service life.
- Compatible with steel, bronze, copper and copper alloys.
- Versatile multi-purpose industrial gear oil of outstanding quality.
- Available in all ISO grades.
- Meets U.S. Steel 224
- Meets AGMA 9005-E02

TYPICAL SPECS

Test	220	460	680
Gravity, °API	26.2	24.6	24.0
Flash Point, °F	450	480	490
Fire Point, °F.	495	510	510
Viscosity:			
cSt. @ 40°C.	220	460	680
cSt. @ 100°C.	18.6	29.6	38.0
Viscosity Index	94	92	92
Color, D-1500	4.5	4.5	5.0
Copper Corrosion, D130	1B	1B	1B
Rust Test, D665 B Seizure	Pass	Pass	Pass
Load, Kg	160	160	160
Weld Point, Kg	315	315	315
Load Wear Index Timken	60	60	60
OK Load, lbs Four Ball	85	85	85
Wear, scar, mm Coefficient of Friction	0.47 0.139	0.47 0.139	0.47 0.139
PRODUCT NUMBER			
5 GAL/18.95 LITER PAIL	14365		
53 GAL/200 LITER DRUM	14367	14377	14387

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA 94401, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com