



Maxtron® GL

Full-Synthetic EP Gear Lubricant

Maxtron® Enviro-EDGE® GL 75W-90 and Maxtron® GL 75W-140

General Description

Maxtron® GL is a full-synthetic multi-purpose, extreme pressure, GL-5 gear lubricant specially formulated for extended drain, extreme durability and all-season performance.

Maxtron GL has outstanding shear resistance, oxidation and thermal stability to minimize sludge and varnish. Additionally, the formulation has superior low temperature flow properties and an enhanced additive system, which provides excellent load carrying to reduce wear along with rust, corrosion and foam.

The Maxtron Enviro-EDGE GL 75W-90 exceeds the fuel economy performance of many 75W-90 synthetics and especially conventional mineral oil based 80W-90 and 85W-140 gear oils. This formulation provides exceptional fuel economy savings, low temperature flow performance and high temperature gear protection.

Expect excellent performance in these applications:

- API GL-5, MT-1
- MIL-PRF-2105E, SAE J2360
- DANA Shaes 256 Rev C, 429 Rev A
- Eaton PS-163, 037, 109
- Arvin Meritor (Rockwell) 076-B,E,N,Q, 0-80
- Navistar TMS 6816
- Mack GO-J Plus, GO
- Harnischfeger (P&H) 474
- General Electric D50E9C
- Spicer axles

Features and Benefits

- **Proven Fuel Economy:** Maxtron Enviro-EDGE GL 75W-90 demonstrates over 1% improvement over other full-synthetic 75W-90 gear lubricants in conjunction with Maxtron MT 50 in the manual transmission. And up to 3% over conventional SAE 90 and 85W-140 mineral gear lubricants.
- **All Weather Protection:** Outstanding oil pumpability at cold temperatures for quicker lubrication and less gear resistance while maintaining a heavy lubrication film at high operating temperatures.
- **Oil Durability:** Improved wear and oxidation resistance in extended drain service resulting in longer equipment life.
- **Meets OEM Extended Drain/Warranty:** Original Equipment Manufacturers (OEMs) such as Eaton, Meritor/Rockwell and Dana each approve extended warranty coverage (up to 750,000 miles) and longer drain intervals (up to 500,000 miles) when using Maxtron GL. See OEM for details.
***For maximum performance and compatibility, do not mix mineral and synthetic gear lubricants.**

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Typical Applications

Maxtron[®] GL can be used in differentials, axles, final drives and manual transmissions calling for a GL- 5/MT-1/EP gear lubricant:

- Trucks, tractors, construction
- On-road/off-road
- Hypoid and bevel gear differentials
- Limited slip (top off only in cars/light trucks)
- Industrial equipment

Typical Customers

Owners and operators of:

- Trucks, buses and off-highway equipment that will benefit from a full-synthetic EP gear lubricant
- Fleets interested in fuel economy improvement
- Fleets interested in extended oil drain intervals and reduced downtime
- Equipment that operates over a wide temperature range

Typical Properties

SAE Grade	Maxtron Enviro-EDGE GL 75W-90	Maxtron GL 75W-140
API Gravity/lbs gal.	27.3/7.42	23.6/7.51
Viscosity @ 40°C, cSt (SUS)	103 (620)	284/1,471
Viscosity @ 100°C, cSt (SUS)	15.0 (72)	30.6/149
Viscosity Index	152	146
Brookfield Viscosity, cP @ -40 °C	90,000	-
Brookfield Viscosity, cP @ -26 °C	-	75,000
Pour Point °C/°F	<-45/<-49	<-40/<-40
Flash, COC, °C/°F	215/420	202/395
Foam, Seq I, II, III	Pass	Pass
Copper Strip Corrosion	Pass	Pass

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.