

## Full Synthetic EP Gear Lubricant

### Maxtron Enviro-Edge<sup>®</sup> GL 75W-90 and Maxtron<sup>®</sup> GL 80W-140

#### General Description

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

Maxtron GL has outstanding shear resistance, oxidation and thermal stability to minimize sludge and varnish in addition to low temperature flow properties. The additive system provides excellent load carrying that reduces wear along with, rust, corrosion, foam and seal swell control.

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 demonstrated 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, and 0-80  
Navistar TMS 6816  
Mack GO-J Plus, GO-J  
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 oil and equipment life.
- **Lower Operating Costs:** Extending drain intervals under OEM programs leads to more driving time, less down time for repairs and oil changes allowing better equipment utilization and profits.
- **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.

**Maxtron GL has formal approval from Roadranger, Dana, and Eaton for extended drain and warranties.**

**For maximum performance and compatibility, do not mix mineral and synthetic gear lubricants**

PDS-244-14

# Maxtron<sup>®</sup> GL

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#### Typical Application

Maxtron<sup>®</sup> 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 Customer

Owners and operators of:

- Truck, bus, 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 down time.
- Equipment that operates over a wide temperature range.

#### Typical Properties

SAE Grade	Maxtron Enviro-Edge GL 75W-90	Maxtron GL 80W-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 [www.cenex.com](http://www.cenex.com).