



## MAGNA™ HYPOID SYNCON MTF GL-5

**MAGNA HYPOID SYNCON MTF GL-5 is a synthetic, API GL-5** automotive gear lubricant specially designed for long-drain service and extended warranty protection in passenger car and truck axles with hypoid gear sets. The product is formulated to provide long service life and extended gear life in automotive differentials operating under varying conditions of speed, load, temperature and torque. It combines excellent oxidation resistance and thermal stability at high temperatures with outstanding low-temperature properties to ensure excellent performance over a wide temperature range. It has excellent water-separating properties to prevent the formation of emulsions and retain its lubricating properties even in the presence of a small amount of water.

**MAGNA HYPOID SYNCON MTF GL-5** can be used for 500,000-mile drain intervals in drive axles where the OEM recommends extended drain intervals.

### Applications

Service fill of conventional differentials in passenger cars and trucks

Top-off only of limited-slip differentials in passenger cars and light trucks.

Service fill of differentials, final drives and transfer cases in some off-highway equipment

Non-synchronized manual transmissions in trucks, buses and heavy equipment where the manufacturer specifies an API GL-5 or MT-1 gear oil

Note: For complete drain and refill, many limited-slip differentials may require the manufacturer's specified gear lubricant or supplemental additive. Refer to the owner's manual for specific requirements.

**MAGNA HYPOID SYNCON MTF GL-5** meets or exceeds the requirements of:

API Service GL-5, MT-1

Mack GO-J

MIL—PRF—2105E

SAE J2360

Meritor O76-R for extended-drain lubricants

### Features/Benefits

Extended drain/extended warranty protection

Outstanding oxidation resistance and thermal stability to minimize sludge and varnish formation

Excellent thermal durability and extreme-pressure properties for extended gear life

High load-carrying capacity for protection against scuffing and wear

High shear stability

Outstanding low-temperature properties

Excellent water-separating properties

Protects against rust and corrosion

Good foam resistance

Compatible with synthetic and conventional automotive gear oils



## Typical Properties

| MAGNA HYPOD SYNCON MTF GL-5 |          |           |
|-----------------------------|----------|-----------|
| SAE Grade                   | 80W-90   | 80W-140   |
| Specific Gravity @ 60°F     | 0.874    | 0.882     |
| Density, Lbs/gal @ 60°F     | 7.28     | 7.34      |
| Color, ASTM D1500           | L 8.0    | L 8.0     |
| Flash Point (COC), °C (°F)  | 200(392) | 200 (392) |
| Pour Point, °C (°F)         | -45(49)  | -36 (-33) |
| Viscosity, Brookfield       |          |           |
| cP @ -40°C                  | 119,000  |           |
| cP@ -26°C                   |          | 48,000    |
| Kinematic Viscosity,        |          |           |
| cSt @ 40°C                  | 114      | 222       |
| cSt @ 100°C                 | 17.1     | 25.5      |
| Viscosity Index             | 166      | 146       |

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.