

# Glass GL-5 Synthetic Gear Oil LS SAE 75w90, 80w140

## Product Data Sheet



**Glass GL-5 Synthetic Gear Oil** is a full synthetic premium gear lubricant that provides superior performance using high quality synthetic base oils and select extreme pressure additives. These additives impart anti-weld, anti-scuff and anti-wear properties that are necessary in heavy duty service gear lubricants. **Glass GL-5 Synthetic Gear Oil** provides excellent protection under the most severe conditions encountered in commercial transmissions, axles, final drives and limited slip differential axles.

### FEATURES/BENEFITS:

- ❖ For use in heavy equipment applications requiring higher performance demands on the drive train lubricants
- ❖ Exceptional reliability in today's drive train applications and older models
- ❖ Provides high thermal stability and oxidation resistance
- ❖ Protects against low speed/high torque wear
- ❖ Excellent fluidity in low temperatures reduce wear during start up
- ❖ Improved lubrication and extended seal life due to good foam control
- ❖ Formulated with friction modifiers for limited slip differential axles

### APPLICATIONS:

**Glass GL-5 Synthetic Gear Oil** is recommended for all on-highway heavy and light duty trucks, vans and busses requiring API GL-5 and/or MT-1 type fluids. **Glass GL-5 Synthetic Gear Oil LS** is also recommended for off-highway applications such as construction, mining, agriculture, and quarrying which require these type fluids. For use in limited slip differentials. **Glass GL-5 Synthetic Gear Oil LS** is not intended for transmissions in which engine oil or automatic transmission fluids are recommended. In warm climates, 80w140 can be substituted where 75w140 is recommended.

**Glass GL-5 Synthetic Gear Oil LS** meets the following specifications\*:

- ❖ PG-2 Limited Slip
- ❖ API Service GL-5 and MT-1
- ❖ Mack GO-J, GO-H, GO-G
- ❖ MIL-PRF-2105E, SAE J2360
- ❖ ArvinMeritor 0-76-A (SAE 85W-140) and 0-76-D (SAE 80W-90)
- ❖ International Truck and Engine CEMS B-22

### TYPICAL TEST DATA

| PRODUCT                     | 75W-90 | 80w140 |
|-----------------------------|--------|--------|
| Viscosity ASTM D 445        |        |        |
| cSt@ 40°C                   | 104.2  | 215.9  |
| cSt@ 100°C                  | 14.6   | 27.11  |
| Viscosity Index ASTM D 2270 | 145    | 161    |
| Pour Point °C, ASTM D 97    | -44    | -41    |
| Flash Point °C, ASTM D 92   | 192    | 192    |
| Density@ 60°F, lb/gal       | 7.22   | 7.31   |

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.

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