



THE INNOVATIVE
AUSTRALIAN

Syngear 75W-80 GL-4

Full Synthetic, Energy Efficient Gear Oil

Product Data Sheet



Syngear 75W-80 is a full synthetic, energy efficient gear oil formulated for a wide variety of commercial vehicle manual transmissions. Recommended for all types of ZF manual transmissions fitted to commercial vehicles. Syngear 75W-80 is recommended where transmissions are subject high loads and temperatures and the following specifications are required. Also suitable for cars and SUVs requiring a GL-4 75W-80 gear oil.

Summary of Benefits:

- Reduction in friction enhances fuel savings.
- High level of wear protection extends component life.
- Excellent oxidative & thermal stability gives long drain intervals.
- Improved shift feel
- Synchromesh performance with Sinter, Molybdenum and Carbon
- Gear and bearing pitting resistance
- Corrosion protection
- Thermal stability
- Enhanced load carrying capability
- Elastomer compatibility
- High level of shear stability



Product Code: 9403

Product Size: 5L, 20L, 205L

V1 1/9/2023

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Specifications:

- *SAE: 75W-80*
- *API: GL-4*
- *MIL-L-2105*
- *ZF TE-ML 01L, 02L, 08, 16K*
- *ZF TE-ML 02A, 02B, 02D, 02E*
- *Volvo: 97307*
- *Renault*
- *Mercedes: 235.4*
- *MAN: 341 Type Z-4, Z-3, Z-2, Z-1*
- *MAN: 341 Type E-3, E-2, E-1, 341ML, 341N*
- *Eaton Europe 300,000km or 3 years*

Typical Characteristics:

Density at 15°C (kg/L)	0.86
Flash Point COC (°C)	230
Pour Point (°C)	-45
Kinematic Viscosity at 40°C mm ² /s (cSt)	61.9
Kinematic Viscosity at 100°C mm ² /s (cSt)	10.2
Kinematic Viscosity at 100°C mm ² /s (cSt) after 100hr shear	8.9
Viscosity Index	152
Brookfield Viscosity at -40°C (cP)	68,590

**Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.*

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Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email: info@royallubricants.com.au

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