



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Gear Lube 80W-90 and 85W-140

Heavy Duty API GL-5 Gear Oils

Gear Lube gear oils are heavy-duty gear lubricants for extreme pressure applications, recommended for hypoid or spiral bevel axles, gears and steering boxes of automotive equipment. They are available in SAE Viscosity grades 80W-90 and 85W-140.

Summary of Benefits:

- **Gear Lube** gear oils protect all types of gears including helical, spiral bevel and hypoid to minimise scuffing, welding or galling tooth wear in severe load applications.
- Excellent resistance to foaming and corrosion.
- Extreme pressure additives impart high load carrying capacity to the oil.
- Their multigrade characteristics enable maintenance of wear protection over a wide range of operating temperatures and reduces drag at start up.
- **Gear Lube** gear oils may be used in a wide variety of manual transmissions and vehicle axles.

Specifications:

- API: GL-5, MT-1
- SAE Viscosity: 80W-90, 85W-140
- SAE: J-2360
- Arvin Meritor: O-76D (80W-90), O-76A (85W-140)
- BTR: 5M-31, 5M-36
- Ford: M2C 1006-A/B, M2C 1013-A, M2C 104-A, M2C 105-A, M2C 197-A
- GM: HN1181, HN1187, 1386, 1561
- Mack: GO-H
- US Military: MIL-PRF-2105E, MIL-L-2105D
- ZF: TE-ML02B, 05A, 05C, 07A, 08, 12C, 17B (80W-90)
- ZF: TE-ML 05A, 05C, 07A, 08, 12C, 16, 21 (85W-140)

11.3.19 V1

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Product Code: 4004-4007

Product Size: 1L, 2.5L, 5L, 20L, 60L, 205L, 1000L

Typical Characteristics:

	80W-90	85W-140
Density at 15 °C (kg/L)	0.89	0.91
Flash Point COC (°C)	205	-215
Pour Point (°C)	-30	-18
Kinematic Viscosity at 40°C mm ² /s (cSt)	135	416
Kinematic Viscosity at 100°C mm ² /s (cSt)	14.6	30.0
Viscosity Index	103	109
Colour ASTM D1500	3.5	3.5

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

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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