



PRECISION LUBRICANTS

Product Data Sheet

Opti Drive 80W-90

Extreme Pressure High Performance Gear and Final Drive Lubricant

Opti Drive 80W-90 is a heavy-duty hypoid gear oil incorporating a borate ester additive for severe duty applications in differentials and industrial gearboxes. Borate Ester additive provides a synergistic combination with other extreme pressure additive in this proprietary formulated drive train oil.

The performance level surpasses conventional extreme pressure gear oils used in hypoid final drive gears. Opti Drive is also recommended for use in Meritor (Rockwell) axles and helps prolong equipment life and reduce operating temperatures in these applications.

Applications:

- **Opti Drive 80W-90** is suitable for use in final drives used in arduous operating conditions and severe duty industrial gearboxes calling for ISO 220 gear oil.
- Meets the performance levels of API: GL-5
- Suitable for use in Line Haul, Logging, Earthmoving, Farming and Agricultural applications

Summary of Benefits:

- Semi-synthetic base oil offers excellent stability, heat resistance and film strength.
- The Borate Ester additive works synergistically to protect throughout the entire temperature range.
- Prolonged component life through better protection of vital components under extreme load, pressure and thermal conditions.
- Proprietary additives deliver reduced wear, reduced oxidation and oil degradation leading to better component life and potential longer drain intervals.



Product Code: 4021

Product Size: 20L, 205L

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Specifications:

- API GL-5
- SAE 80W-90
- Ford M2C 197-A
- Mack GO-J
- Meritor O76-D, O-76Q
- MIL-PRF-2105E
- MT-1
- PG-2

Typical Characteristics:

Density at 25°C (kg/L)	0.9
Flash Point COC (°C)	220
Kinematic Viscosity at 40°C mm ² /s (cSt)	160.9
Kinematic Viscosity at 100°C mm ² /s (cSt)	16.1
Viscosity Index	104

**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 Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, 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 Materials Safety Data Sheet is available at Royal Precision Lubricants by email: info@royallubricants.com.au

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