



OPTIDRIVE GEAR OILS



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OptiDrive gear oils are heavy-duty hypoid gear oils 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 additives in this proprietary drive train oil.

OptiDrive gear oils performance levels surpass conventional extreme pressure gear oils used in hypoid final drive gears. It is also recommended for use in Meritor (Rockwell) differentials and helps prolong equipment life and reduces operating temperatures in these applications.

The deposits from oxidation are kept in solution through advanced additive technology preventing these particles from depositing on to metal surfaces. Additional anti-wear additives that are also present in our OptiDrive formulations are also kept in solution and do not drop out, thus providing equal lubrication distribution to all components during a full service life cycle. This solves the problem encountered with lesser synthetics due to their lower solubility.

The synthetic ester used to manufacture OptiDrive products also boosts the viscosity index (VI) and ensures higher film strength leading to reduced wear and optimal lubrication at start up and high load and operating temperatures. OptiDrive delivers when other fluids falter.

OptiDrive gear oils utilise a special ashless anti-wear and anti-oxidant additive that works synergistically with normal extreme pressure additives commonly used in the formulation of conventional gear oils. This additive protects steel components at both cold start-up and during high temperature operation providing superior lubrication in comparison to conventional formulations.

An additional benefit in using OptiDrive is a significant reduction in friction co-efficiency. This reduces operating temperature and also considerably reduces oxidation and with it, the build up of oxidation bi-products that increases the TAN (total acid number) of the oil.

By specifically targeting the problem areas of highly loaded gears, OptiDrive is able to reduce temperatures and wear. This will provide increased component life in a cost-effective manner.



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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.

Opti Drive 85W-140 is suitable for use in final drives used in arduous operating conditions and severe duty industrial gearboxes calling for ISO 320 & 460 gear oil.

Suitable for use in Line Haul, Logging, Earthmoving, Farming and Agricultural (excluding wet brake) applications

Summary of Benefits:

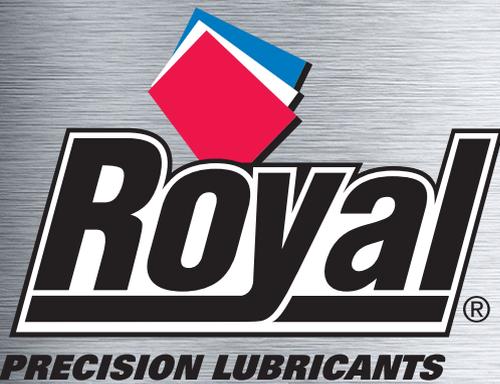
- Semi-synthetic base oil offers excellent stability, heat resistance and film strength.
- The Borate Ester additive works synergistically to protect throughout the entire temperature range.
- Prolonged component life through better protection of vital components under extreme load pressure and thermal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

Specifications:

API GL-5, SAE 80W-90 and 85W-140, Ford M2C 197-A, Mack GO-J, Meritor O76-D, O-76Q, MIL-PRF-2105E, MT-1, PG-2

Codes: 4021 - 80W-90 4022 - 85W-140

Available: 20L, 205L and 1000L



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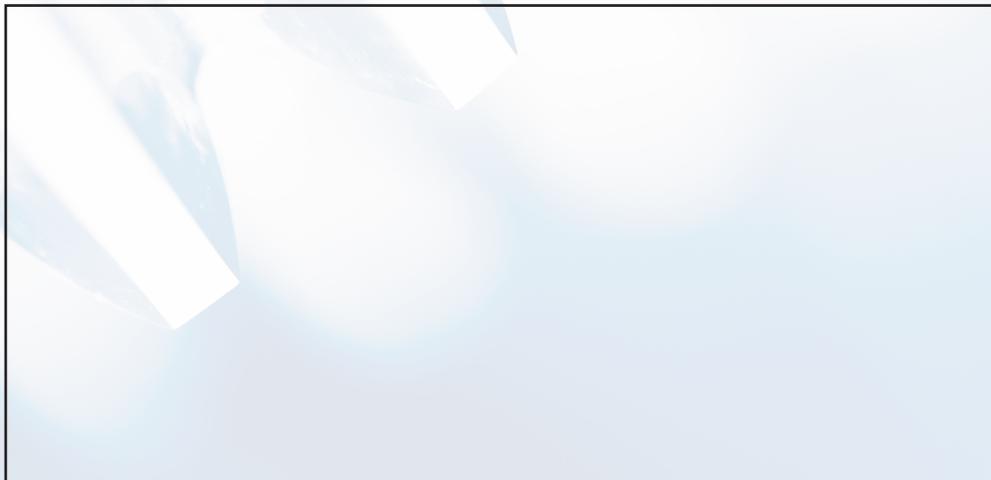
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