



ROYAL PURPLE® DURALEC SUPER SAE 15W-40

API CK-4 HIGH PERFORMANCE DIESEL MOTOR OIL

Royal Purple® Duralec Super motor oil is a high performance synthetic engine oil made for those diesel engines requiring the use of an emissions compliant oil for the 2007 and 2010 emissions equipment such as: DPF's, Catalytic Converters, EGR, and SCR injection with the ultra low sulfur diesel fuels found in North America and Europe.

Duralec Super motor oil is specifically formulated to maximize component life, extend drain intervals and improve fuel performance with excellent high temperature break down resistance and low temperature pumpability to minimize cold-induced startup wear.

Performance Advantages

- Greater wear protection
- Greatly extends oil drain intervals
- Superior corrosion protection
- Reduces exhaust emissions
- Keeps engines clean
- API-licensed CK-4 diesel motor oils
- Will not harm seals

Duralec Super 15W-40 meets API Service CK-4, CJ-4, CI-4 Plus, CI-4 warranty requirements for diesel engines. It also meets Cummins CES 20086; Detroit Diesel DFS 93K222; Mack EO-S-4.5; Volvo VDS-4.5; CAT ECF-3; Ford WSS-M2C171-F1; ACEA E9-16; Daimler MB 228.31; Renault RLD-4; MTU Type 2.1; Deutz DQC III-10 LA; and JASO DH-2.

| Typical Properties* | Method | |
|----------------------------|--------|--------|
| Viscosity | D445 | |
| cSt @ 40°C | | 108 |
| cSt @ 100°C | | 15.2 |
| Viscosity Index | D2270 | 146 |
| Pumping Viscosities | D4684 | |
| cP @ -35°C | | — |
| cP @ -30°C | | — |
| cP @ -25°C | | 14,900 |
| Cranking Viscosity | D5293 | |
| cP @ -30°C | | — |
| cP @ -25°C | | — |
| cP @ -20°C | | 4,628 |
| Flash Point °F | D92 | 454 |
| Pour Point °F | D6892 | -49 |
| Total Base Number, mgKOH/g | D2896 | 10 |
| Sulfated Ash, % Max | D874 | 0.98 |

*Properties are typical and may vary.