



Ultra 9000 15W-40

Code: 2003

Ultra 9000 is the most advanced development in lubrication chemistry resulting in a world capable diesel engine oil for greater lubricant life and protection of all moving parts from wear and soot damage. **Ultra 9000** is a synthetic fortified, heavy-duty diesel engine oil that meets the requirements of high speed, turbocharged European, American and Japanese design emission engines. This includes those engines which incorporate a Exhaust Gas Recycling (EGR) and Diesel Particulate Filters (DPF) and full electronic management of fuel and emissions systems to provide fuel efficiency, high wear protection, long drain capability and optimisation of the EGR system life thereby decreasing the maintenance costs.

Summary of Benefits

- Reduced operating costs.
- Has an exceptional soot dispersion and wear control. Cylinders, pistons, rings, and injectors are well protected against wear and corrosion, lasting longer in service and requiring less maintenance. Contributes to maximum vehicle utilization and minimal downtime.
- Enhanced emission control system life.
- Extends Diesel Particulate Filter (DPF) life for less frequent downtime and cleaning.
- Optimises the Exhaust Gas Recycling (EGR) system life decreasing your maintenance costs.
- Reduced inventory costs.
- Backwards compatible with all previous API Oil Service Categories and engine models. One oil for all services, in four-stroke gasoline and all naturally aspiration turbocharged and modern electronically controlled/low emission diesel engines. One oil that meets the engine performance requirements of North America and European engine manufacturers.

Specifications

- API: CJ-4/SM, CI-4, CI-4 Plus, (also CH-4, CG-4, CF-4, CE and CD/SL)
- SAE Viscosity: 15W-40
- ACEA: E5, E7, E9 (2008)
- Volvo: VDS-4 Approved
- Mack: EO-O Premium Plus (also suitable for EO-N Premium Plus, EO-M Plus, EO-M, EO-L Plus, EO-L, EO-K, EO-K2)
- Cummins: CES 20081
- Detroit: DDC Power Guard 93K218
- Caterpillar: ECF-3
- JASO: DH-2
- Mercedes Benz: MB 228.31
- MTU: Type 2.1
- Renault: RL3
- Deutz: DQC 111-05



**PRODUCT
INFORMATION**

Ultra 9000 15W-40

Available Size & Product Code

	5L	20L	60L	205L	1000L
Ultra 9000 15W-40	-	2003-20	-	2003-205	-

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.

Typical Characteristics

Specific Density at 15°C (kg/L)	0.88
Flash Point OCO (°C)	224
Pour Point (°C)	-27
Kinematic Viscosity at 100°C mm ² /s (cSt)	14.86
Kinematic Viscosity at 40°C mm ² /s (cSt)	113
TBN, ASTM D2896 (mg KOH/g)	9.4
Viscosity Index	136
Sulphated Ash (%)	0.985

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