

**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Ultra 9000 15W-40

Advanced, Heavy-Duty 'Universal' Diesel Engine Oil

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 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 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 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. Contaminants are controlled giving longer drain intervals. Contributes to maximum vehicle utilisation 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 previous API categories. One oil for 4 stroke gasoline, all naturally aspirated, turbocharged and modern electronically controlled/low emission diesel engines. One oil that meets the engine performance requirements of North American and European OEMs.



Product Code: 2003

Product Size: 1L, 5L, 10L, 20L, 205L

14.02.19 V1

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Specifications:

- API: CJ-4/ CI-4 +/CI-4, SM
- SAE Viscosity: 15W-40
- ACEA: E9 – 08
- Volvo: VDS-4
- Mack: EO-O Premium Plus 07
- Cummins: CES 20081
- Detroit: DDC Power Guard 93K218
- Caterpillar: ECF-3
- JASO: DH-1, DH-2
- MAN 3575
- Mercedes Benz: MB 228.31
- MTU: Type 2.1
- Renault: RLD-3
- Deutz: DQC 111-05

Typical Characteristics:

Density at 15°C (kg/L)	0.88
Flash Point COC (°C)	224
Pour Point (°C)	-27
Kinematic Viscosity at 40°C mm ² /s (cSt)	113
Kinematic Viscosity at 100°C mm ² /s (cSt)	14.9
Viscosity Index	132
TBN, ASTM D2896 (mg KOH/g)	9.4
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.*

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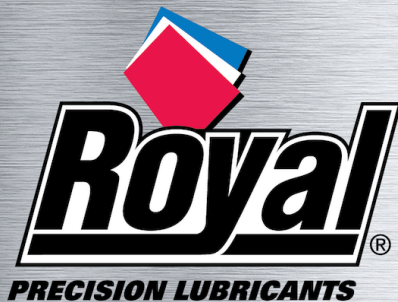
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Storage:

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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