



PRECISION LUBRICANTS

Product Data Sheet

Ultra Euro 10W-40

Full Synthetic, Ultra High Performance Diesel Engine Oil



Ultra EURO Full Synthetic is the ultimate state of the art lubricant conforming to European IV & V emission standards and meets the highest levels for Ultra High Performance Diesel (UHPD). Incorporating Low SAPS technology and provides greater lubricant life and protects all moving parts from wear and soot damage. **Ultra EURO** has been formulated with unique synthetic base oil specifically to meet the requirements of European, American and Japanese design emission engines specifically 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 and long drain capability.

Summary of Benefits

- The lower friction characteristics of this lubricant improve the fuel economy of vehicles providing a significant fuel economy benefit up to 4% compared to mineral oil products.
- Throughout the oil drain period, your engine will be better protected particularly in regard to camshafts and tappets.
- 50% less metallic component content extends Diesel Particulate Filter (DPF) life for less frequent downtime and cleaning. It also optimises the exhaust gas circulation system life decreasing the maintenance costs.
- Low Saps durability means that not only are engines protected from soot related wear, viscosity increase is controlled and sludge does not form and block filters. Ultimately, our oil keeps the engine cleaner, extends its life and keeps truck engines running for longer.
- Meets the latest diesel manufacturers specifications and API diesel and petrol engine classifications. As such it is ideal as a mixed petrol/diesel engine fleet oil where the diesel engines are predominantly of the latest emission design.
- Reduced inventory. Because **Ultra EURO** can be used in all Euro I, II, III, IV and V trucks, fleets that contain different makes only need to stock one engine oil.



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Specifications:

- API: CI-4/SL
- SAE Viscosity: 10W-40
- ACEA: E6 (Low SAPS), E7 (mid drain), E9 (Mid SAPS, mid drain) 2008
- Volvo: VDS-3, CNG
- Mack: EO-M Plus (also suitable for previous EO series)
- Cummins: CES 20081 and previous series
- Detroit: DDC Power Guard 93K218
- Caterpillar: ECF-1a
- Mercedes Benz: MB 228.51
- MTU: Type 3.1
- MAN: 3477
- Scania: Long Drain
- Renault: RGD, RXD
- Deutz: DQC 111-05

Product Code: 2009

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

Typical Characteristics:

Specific Gravity at 15°C (kg/L)	0.867
Flash Point OCO (°C)	228
Pour Point (°C)	-36
Kinematic Viscosity at 40°C mm ² /s (cSt)	93.3
Kinematic Viscosity at 100°C mm ² /s (cSt)	14.2
TBN, ASTM D2896 (mg KOH/g)	11.5
Viscosity Index	157
Sulphated Ash (%)	0.986

*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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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.