



Technical Data Sheet

Shell Rimula *Ultra* 5W-30

Fully Synthetic Heavy Duty Diesel Engine Oil

Shell Rimula Ultra oil features “Low-SAPS” additive technology and unique anti-wear system. Protection power is enhanced with synthetic technology that delivers extended maintenance and fuel economy performance. Suitable for Euro 4, 5, 6 vehicles.



- Low Emissions
- Maintenance and Energy Saving

Performance, Features & Benefits

- **Fuel economy**

Through use of most advanced technology Shell Rimula Ultra offers enhanced fuel economy capability* that can save money in fuel consumption, without compromising engine protection or durability.

*eg compared to higher viscosity like SAE 15W-40, SAE 10W-40 and SAE 10W-30 viscosity grade.

- **Maintenance saving**

Shell Rimula Ultra meets the long oil drain requirements from the latest Euro 6 to older generation engines, to allow operators to optimise maintenance schedules and control maintenance costs.

- **Emissions system compatibility**

Advanced low-ash formulation helps control blocking or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency.

- **Low wear, low deposits**

The additive technology delivers high levels of piston cleanliness essential for long engine life.

- **On-highway heavy duty applications**

Particularly suited for a wide range of trucking and transportation applications in modern low-emission vehicles. Especially suitable for fleets with mixed Euro 4,5 and Euro 6 engine types.

- Shell Rimula Ultra is suitable for use with biodiesel per the OEM recommended oil drain intervals.

Specifications, Approvals & Recommendations

- ACEA E6, E8, E7, E9, E11
- API CK-4, CJ-4, CI-4, CH-4, CG-4, CF-4, CF
- JASO DH-2
- Caterpillar ECF-3
- Cummins CES 20081
- DAF PSQL 2.1 E LD
- Detroit Fluids Specification 93K222, 93K218
- Deutz DQC IV-18 LA
- DTFR 15C110
- DTFR 15C120
- IVECO TLS E6 (Meets requirements)
- MACK EO-S 4.5
- MAN M 3477*, M 3677, M 3777
- MTU Category 3.1
- Renault Trucks RLD-3
- Scania LDF-4
- Volvo VDS-4.5

* meets the requirements of

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Main Applications



Typical Physical Characteristics

Properties			Method	Shell Rimula Ultra 5W-30
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	73.6
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	12.2
Dynamic Viscosity	@-30°C	mPa s	ASTM D5293	6 280
Sulphated Ash		%	ASTM D874	0.95
Density	@15°C	kg/l	ASTM D4052	0.851
Total Base Number		mg KOH/g	ASTM D2896	13

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

Shell Rimula Ultra 5W-30 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <https://www.epc.shell.com/>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.