



## Technical Data Sheet

# Shell Rimula *Ultra* 5W-30

## Fully Synthetic Heavy Duty Diesel Engine Oil

Fully synthetic oil featuring "Low-SAPS" additive technology to provide protective power and deliver fuel economy savings.

- 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.

### Specifications, Approvals & Recommendations

- ACEA E6, E8, E7, E9, E11
- API CK-4, CJ-4, CI-4, CH-4
- JASO DH-2
- Caterpillar ECF-3
- Cummins CES 20086, 20081
- Deutz DQC IV-18 LA
- IVECO TLS E6 (Meets requirements)
- MAN M 3477\*, M 3677, M 3777
- MACK EO-S 4.5, EO-O Premium Plus
- DTFR 15C110
- 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 <sup>2</sup> /s	ASTM D445	74.0
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	12.2
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	851
Pour Point		°C	ASTM D97	-38
Sulphated Ash		%wt	ASTM D874	0.95
Total base number (TBN)		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 (SDS) 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.