



Technical Data Sheet

Shell Rimula R6 ME Extra 5W-30

- Maintenance Saving
- Energy Saving

Fully Synthetic Heavy Duty Diesel Engine Oil

Shell Rimula R6 ME Extra oils deliver highly responsive protection, enhanced fuel economy with no compromise in durability, maintenance saving, long drain performance coupled with protection against soot induced wear, piston and engine deposits.



Performance, Features & Benefits

• Fuel Economy

Through use of Shell's most advanced technology, Shell Rimula R6 ME Extra offers enhanced fuel economy capability* that can save money in fuel consumption, without compromising engine protection or durability *e.g. compared to high viscosity oils.

• Maintenance Saving

Shell Rimula R6 ME Extra meets the long oil drain requirements of leading engine makers, such as Mercedes-Benz, MAN, DAF and others to allow operators to optimise maintenance scheduling and maximize equipment availability.

• Low wear - extended engine life

Meets the demands of wear protection of most European engines for long engine life.

- Shell Rimula R6 ME Extra allows quicker cold starting than conventional 15W-40, or even 10W-40 oils. This means less wear on batteries and starter motors, as well as less engine wear in cold climate operation.

• On-highway heavy duty applications

Particularly suited for a wide range of trucking and transportation applications in vehicles using modern low-emission engines from Mercedes-Benz and MAN.

- Also meets or exceeds the performance requirements of other European makers such as Volvo, Renault and DAF.
- Not recommended for Caterpillar engines.

• Low emission engine use

Shell Rimula R6 ME Extra meets the requirements of most European manufacturers for Euro 2,3 engines and certain Euro 4 applications.

Specifications, Approvals & Recommendations

- ACEA E7, E4
- API CF
- Iveco Standard TFE - Meets the requirements
- MAN M 3277
- MB-Approval 228.5, 235.28
- MTU Category 3
- Scania LDF-3
- VOITH Oil Class B
- Volvo VDS-3

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 R6 ME Extra 5W-30
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	68
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	11.6
Dynamic Viscosity	@-30°C	mPa s	ASTM D5293	5 940
Viscosity Index			ASTM D2270	166

Properties		Method	Shell Rimula R6 ME Extra 5W-30
Total Base Number	mg KOH/g	ASTM D2896	16.4
Sulphated Ash	%	ASTM D874	1.9
Density	@15°C kg/m ³	ASTM D4052	855
Flash Point	°C	ASTM D92	210
Pour Point	°C	ASTM D97	-39

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

This product 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.