



Shell Rimula R6 ME

Synthetic Heavy Duty Diesel Engine Oil

- MAINTENANCE SAVING
- ENERGY SAVING

Shell Rimula R6 ME Energised Protection oil features advanced multi-functional additive technology to deliver highly responsive protection that continuously adapts to your driving conditions. Use of selected low-viscosity synthetic base oils further energises the oil's protective capability allowing enhanced fuel economy performance to be delivered with no compromise in durability. In addition, Shell Rimula R6 ME delivers maintenance saving, long drain performance coupled with excellent protection against soot induced wear, piston and engine deposits.



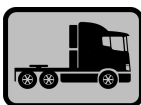
ENERGISED PROTECTION

Adapting to your engine's changing needs

Performance Benefits

- **Fuel Economy**
Through use of Shell's most advanced technology Shell Rimula R6 ME offers enhanced fuel economy capability* that can save money in fuel consumption, without compromising engine protection or durability.
**eg compared to high viscosity oils*
- **Maintenance Saving**
Shell Rimula R6 ME meets the long oil drain requirements of leading engine makers such as the Mercedes-Benz, MAN, DAF and others to allow operators to optimise maintenance scheduling and maximize equipment availability.
- **Low Wear - Extended Engine Life**
Meets the demanding wear protection of most European engines for long engine life.
- **Cold Weather Protection**
Shell Rimula R6 ME 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.

Applications



- On-highway Heavy Duty Applications

Particularly suited for a wide range of trucking and transportation applications in vehicle 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 M meets the requirements of most European manufacturers for Euro 2,3 engines and certain Euro 4 applications.

For enhanced performance and protection of the latest low emission engines, especially those fitted with exhaust diesel particulate traps (DPF), we recommend the use of our advanced low-emissions products, Shell Rimula R6 LM/LME.

Specification and Approvals

Specifications and Approvals	SAE Viscosity Grade
	R6 ME 5W-30
ACEA: E4	✓
API: CF	✓
DAF: HP-1/2	✓
IVECO STANDARD TFE (1)	✓
MAN: M3277	✓
MB Approval: 228.5	✓
MTU: Category 3	✓



Volvo: VDS-2	✓
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(1) Meets Iveco Specification

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

Health and Safety

Shell Rimula R6 ME oils are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

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

Protect the Environment

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

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Typical Physical Characteristics

Rimula R6 ME	
SAE Viscosity Grade	R6 ME 5W-30
Kinematic Viscosity (ASTM D 445) @ 40°C mm ² /s 100°C mm ² /s	68 11.6
Dyn. Viscosity (ASTM D 5293) @ -30 °C mPa s	5940
Viscosity Index (ASTM D2270)	166
Total Base Number (ASTM D2896)	16.4
Sulphated Ash % (ASTM D874)	1.9
Density @ 15°C kg/m ³ (ASTM D 4052)	855
Flash Point °C (ASTM D93)	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.