Shell **Rimula** *R6 LME Plus 5W-30*

Technical Data Sheet

- Low SAPS Technology
- Maintenance Savings + Engine Efficiency

Fully Synthetic Heavy Duty Diesel Engine Oil

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

DYNAMIC PROTECTION PLUS

Performance, Features & Benefits

- **Fuel economy**
  Through use of Shell's most advanced technology Shell Rimula R6 LME Plus 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 LME Plus meets the long oil drain requirements of Mercedes-Benz, MAN, 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 of or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency.
- **Low wear, low deposits**
  Unique additive technology delivers high levels of piston cleanliness essential for long engine life and meets the demanding wear protection requirements of many engine types.

Main Applications



- Particularly suited for a wide range of trucking and transportation applications in modern low-emission vehicles from Mercedes-Benz, MAN, DAF and others. Especially suitable for fleets with mixed Euro 2,3,4,5 & 6 engine types
- Shell Rimula R6 LME Plus meets the latest requirements of Mercedes-Benz, MAN and others for Euro 4, 5, 6 engines and exceeds the performance requirements of industry specifications such as ACEA E6, E7 and E11.

Specifications, Approvals & Recommendations

- ACEA E6, E8, E7, E9, E11
- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4, SN
- JASO DH-2
- Caterpillar ECF-3, ECF-2
- Cummins CES 20086, 20081
- DAF Engine Oil PSQL 2.1E LD
- Detroit Fluids Specification (DFS) 93K222, 93K218
- Deutz DQC IV-18 LA
- DTFR 15C110
- DTFR 15C120
- Ford WSS-M2C213-A1*
- IVECO 18-1804 Class TLS E6
- Liebherr LH-00-ENG LA-22 Standard**
- MACK EO-S 4.5, EO-O Premium Plus
- MAN M3677, M3477*
- MTU Category 3.1
- Renault Trucks RLD-3
- Scania LDF-4
- Volvo VDS-4.5

* meets the requirements of

** for diesel engines only

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

Typical Physical Characteristics

Properties			Method	Shell Rimula R6 LME Plus 5W-30
Kinematic Viscosity	@40°C	mm^2/s	ASTM D445	75
Kinematic Viscosity	@100°C	mm^2/s	ASTM D445	12.1
Viscosity Index			ASTM D2270	159
Dynamic Viscosity	@-30°C	mPa s	ASTM D5293	6 200
Total Base Number		Mg KOH/g	ASTM D2896	11
Density	@15°C	kg/m^3	ASTM D4052	845
Flash Point		°C	ASTM D92	239
Pour Point		°C	ASTM D97	-48

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 R6 LME Plus is 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.

  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 authorized 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.