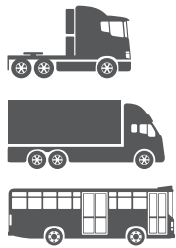




**SHELL RIMULA R6 LME - APPLICATION GUIDE**



Shell Rimula R6 LME engine oils are suitable for use in many on-highway heavy duty applications. They are particularly suited for a wide range of trucking and public transportation applications in modern low-emission vehicles from Mercedes-Benz, MAN, DAF and others and are especially suitable for fleets with mixed Euro 2,3,4 and 5 engine types.

Shell Rimula R6 LME exceeds the performance requirements of industry specifications such as ACEA E6 and E7 and is particularly recommended for vehicles fitted with diesel particulate filters (DPFs).

**SPECIFICATIONS AND APPROVALS**

**SAE Viscosity Grade: 5W-30**

ACEA: E6, E7; Cummins: CES 20077;  
MAN: M 3477; MB Approval: 228.51

**OUR COMPLEMENTARY RANGE**

In addition to the full range of Shell Rimula heavy duty engine oils, Shell Lubricants also offers a complete portfolio of lubricants for every part of your equipment, including Shell Spirax gear and axle oils, Shell Donax transmission fluids, Shell Retinax greases and Shell HD Antifreeze/Coolant.

**HEALTH, SAFETY & ENVIRONMENT**

**Health and Safety**

Shell Rimula R6 LME 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.

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

**Protect the Environment**

Take used oil to an authorised 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.



For more information contact your local Shell representative or visit [www.Shell.com](http://www.Shell.com).



**SHELL RIMULA R6 LME**  
• LOW EMISSIONS • MAINTENANCE SAVING • ENERGY SAVING

**ABOUT ENERGISED PROTECTION**

You need to know your oil will protect your engine under all conditions. No matter how hot, cold, steep, dusty, muddy or extended your operations, you demand protection.

The Energised Protection of Shell Rimula heavy duty diesel engine oils provides protection in three critical areas:

- 1. Acid control** — protects against corrosion from acids formed as fuel burns
- 2. Deposit control** — keeps engine clean for optimum performance and long life
- 3. Wear control** — keeps moving metal engine surfaces apart for long engine life

Shell Rimula R6 LME uses a unique technology that adapts chemically and physically to meet the changing needs of your engines and builds on our commitment to providing innovative solutions to meet the technical and operational needs of your equipment.

Shell Rimula R6 LME can help contribute to efficient transport operations through:

- Helping control emissions**
- Long drain and less waste oil**
- Lower fuel usage**

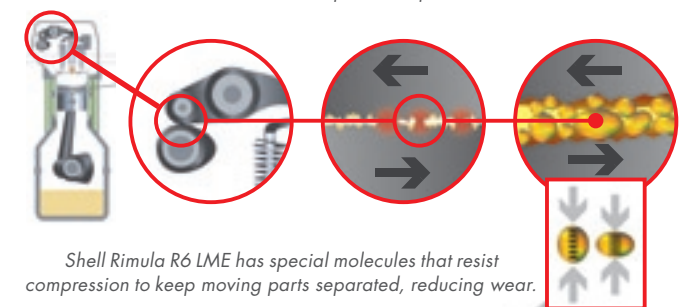
**PROTECTIVE POWER**

More than just reliable lubrication, Shell Rimula R6 LME uses a three-fold approach to delivering protection: **1) synthetic base-oil technology, 2) unique additive technology and 3) an exclusive anti-wear booster system.** These work together to deliver outstanding performance, long-drain and fuel saving capability without compromising durability. Shell Rimula R6 LME provides even greater protection against wear and deposits than previous generation oils (eg ACEA E4/MB 228.5 oils) and the low-SAPS formulation protects exhaust system catalysts and filters found on the latest vehicles.

**YOUR PROTECTION - OUR EXPERIENCE**

Developed by our technologists, the novel anti-wear booster provides extra protection against wear in highly stressed areas of the engine.

Hot spots form when lubrication breaks down. A novel anti-wear booster enhances the protective power of the oil.



DESIGNED TO MEET CHALLENGES

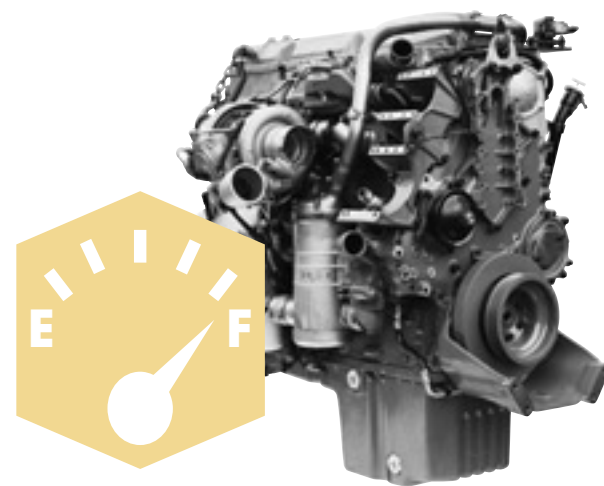


RELATIVE PROTECTION			
	Acid/Corrosion	Dirt & Deposits	Wear
<b>Shell Rimula R6 LME</b> • Low emissions • Maintenance saving • Energy saving	✓✓✓	✓✓ ✓✓	✓✓ ✓✓
<b>Shell Rimula R6 ME</b> • Maintenance saving • Energy saving	✓✓✓	✓✓✓	✓✓✓
<b>Shell Rimula R6 M</b> • Maintenance saving	✓✓✓	✓✓✓	✓✓✓

### ENERGY SAVINGS

Shell Rimula R6 LME can make a positive contribution to the fuel consumption of your vehicles and the costs of your business. Developed in close cooperation with leading engine and vehicle makers, it not only delivers fuel economy benefits, but meets the durability and performance demands of the latest low emissions equipment.

#### Independently Validated Fuel Saving



*"Technical University of Graz confirmed fuel savings of 1.1% over all test cycles."  
– Franu Machatschek – Shell Field Technical Engineer – Europe*

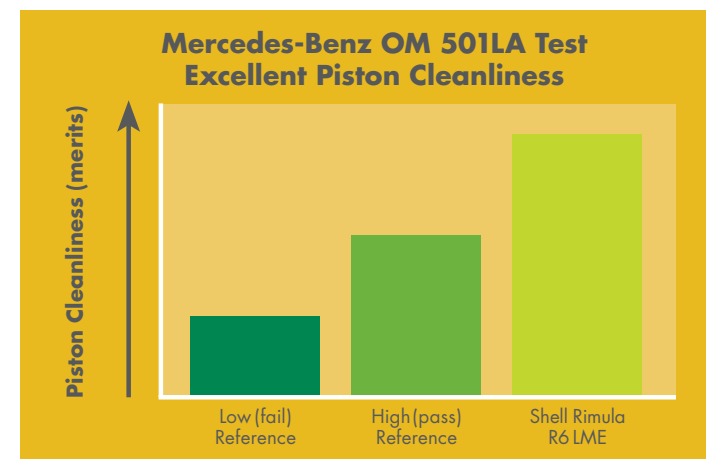
Don't just take our word for it – in independent testing as part of the "Innovative Clean Urban Transport" program at the Technical University of Graz, Shell Rimula R6 LME demonstrated up to 1.1% fuel savings versus a traditional high ash 10W-40 oil. Supporting our own extensive in house testing and experience.

*\* Full copy of report available on request.*



### MAINTENANCE SAVINGS

Shell Rimula R6 LME was developed in conjunction with leading engine makers and delivers exceptional piston cleanliness in the latest engines. Approved for long-drain application by Mercedes-Benz and others, Shell Rimula R6 LME exceeds the piston cleanliness of the reference oil by 25% in the MB OM501 engine test. Shell Rimula R6 LME has been tested to ensure long engine life and protection throughout the oil maintenance interval – every time.



### LOW EMISSIONS

Protecting the performance of your exhaust emissions control systems is not only important to ensure your vehicles comply with legislative requirements, but also to ensure efficient operations. For instance, blocked diesel particulate filters (DPF) can actually increase fuel consumption. Shell Rimula R6 LME is formulated with reduced levels of ash and sulphur to help maintain the efficiency of the latest and future vehicle technologies. Exceeding the requirements for limiting of S and P content for Mercedes-Benz, MAN and other OEMs, Shell Rimula R6 LME has been tested and proven to protect.

