Shell **Rimula R6** *LME*

- Low emissions
- Maintenance saving
- Energy saving

Shell Rimula
ENERGISED PROTECTION

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 to control emissions**
- **long drain intervals 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:

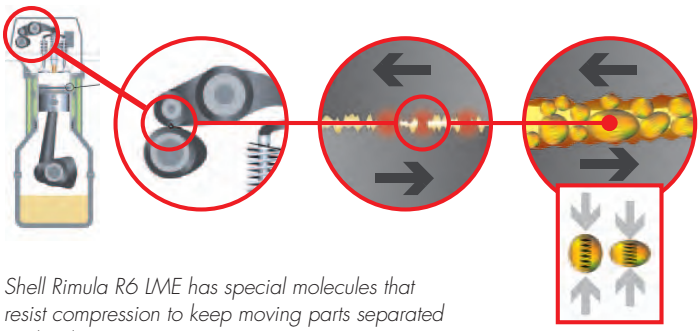
- **synthetic base-oil technology,**
- **unique additive technology and**
- **an exclusive anti-wear booster system.**

These work together to deliver outstanding performance, long drain intervals and fuel saving capability without compromising durability. Shell Rimula R6 LME provides even greater protection against wear and deposits than previous-generation oils (e.g., ACEA E4/MB 228.5 oils), and the low-SAPS formulation protects the 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.



Shell Rimula R6 LME has special molecules that resist compression to keep moving parts separated and reduce wear.

RELATIVE PROTECTION			
	Acid/corrosion	Dirt and deposits	Wear
Shell **Rimula *R6*** *LME* ■ Low emissions ■ Maintenance saving ■ Energy saving	✓✓✓	✓✓✓✓	✓✓✓✓
Shell **Rimula *R6 ME*** ■ Maintenance saving ■ Energy saving	✓✓✓	✓✓✓	✓✓✓
Shell **Rimula *R6 M*** ■ Maintenance saving	✓✓✓	✓✓✓	✓✓✓

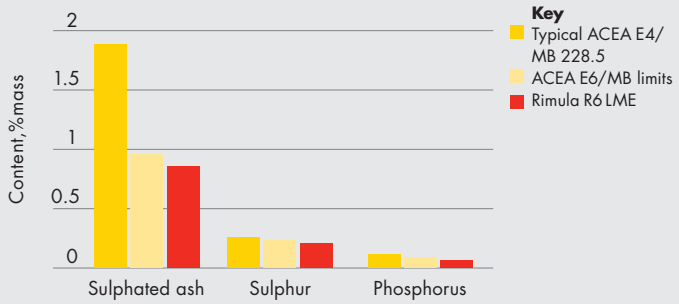
Performance level is a relative indication only.

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 sulphur and phosphorus content for Mercedes-Benz, MAN and other OEMs, Shell Rimula R6 LME has been tested and proven to protect.

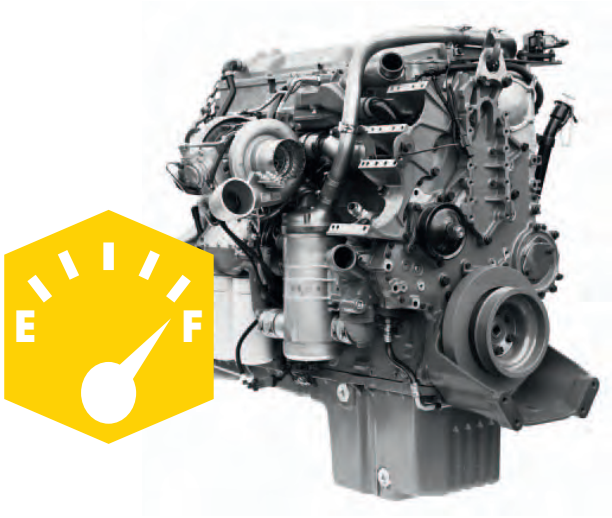
Shell Rimula R6 LME - Reduced "SAPS" for enhanced catalyst/filter compatability



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 co-operation with leading engine and vehicle makers, it not only delivers fuel economy benefits, but also meets the durability and performance demands of the latest low-emissions equipment.

Independently validated fuel saving



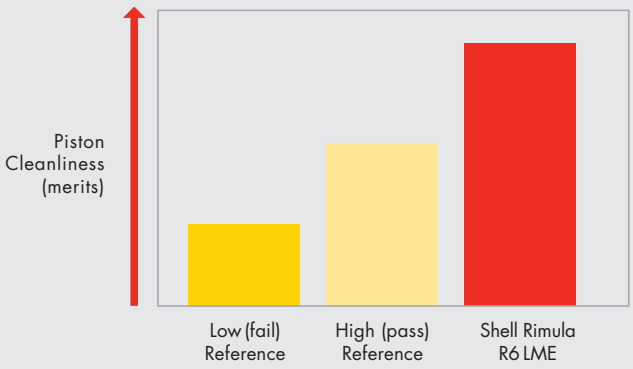
Don't just take our word for it. In trials carried out with a fleet of trucks operating for a leading UK supermarket, the customer confirmed that Shell Rimula R6 LME realised up to 2.0% fuel savings over 100,000 km oil drain interval compared with a typical 10W-40 oil*.

*Full copy of report available on request

MAINTENANCE SAVINGS

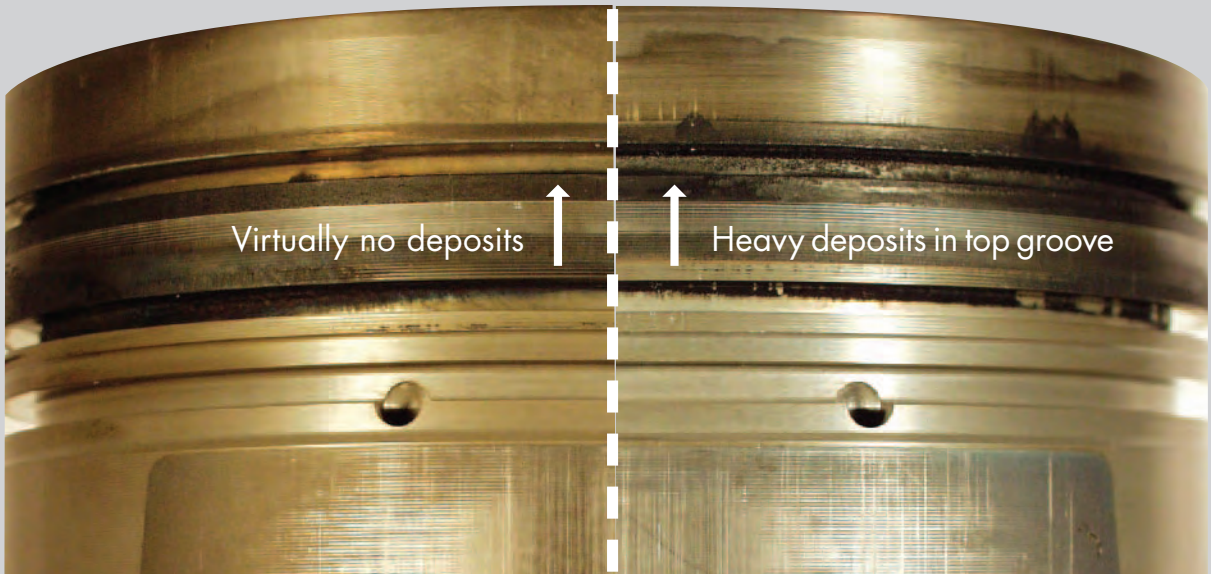
Shell Rimula R6 LME was developed in conjunction with leading engine makers and delivers exceptional piston cleanliness in the latest engines. Approved for long-drain application by Mercedes-Benz and others, Shell Rimula R6 LME exceeded the piston cleanliness of the reference oil by 25% in the MB OM501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

Mercedes-Benz OM 501LA test excellent piston cleanliness



Shell Rimula R6 LME - visibly cleaner pistons

(OM 501 LA test - comparison with high reference)



Shell Rimula R6 LME **Hi-ref Oil**

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 DPFs.

SPECIFICATIONS AND APPROVALS

SAE viscosity grade: 5W-30

ACEA: E6, E7; Cummins: CES 20077; MAN: M3477; 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, axle and transmission fluids and Shell Gadus greases.

HEALTH, SAFETY AND 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 and 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, please contact