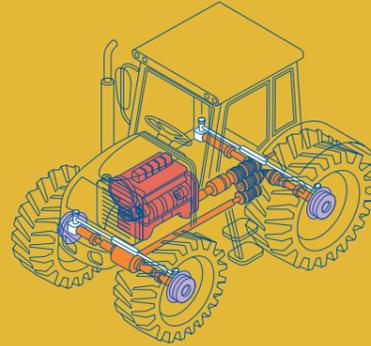
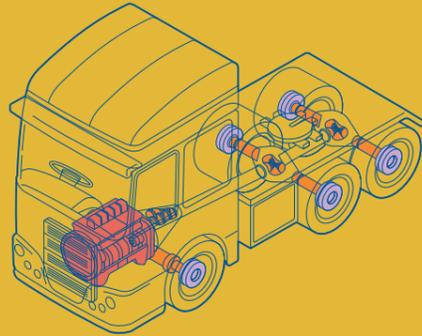


# WHATEVER YOUR BUSINESS, SHELL RIMULA ADAPTS

You need to know that your oil will protect your engines under all conditions. No matter how hot, cold, steep, dusty, muddy, or extended your operations. Whether you own one truck or a thousand, late models or classics, whatever your maintenance routines and procedures, Shell Rimula heavy duty engine oils can deliver the level of protection you demand.

## Technology that adapts

From reliable products using well-proven formulation chemistry, to unique and exclusive technologies for the latest low-emissions, severe-duty engines, Shell can offer the right performance and protection. Built around a deep knowledge of the operation and lubrication needs of heavy duty engines, Shell's scientists and engineers have developed products built on technology that adapts chemically and physically to the changing conditions within the engine, ensuring your engines keep running, however you choose to run your equipment, or your business.



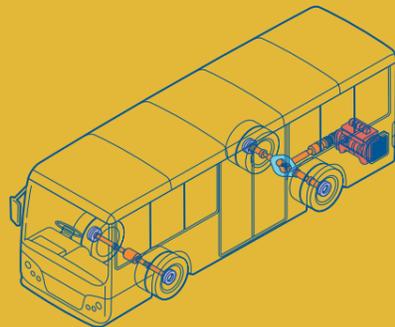
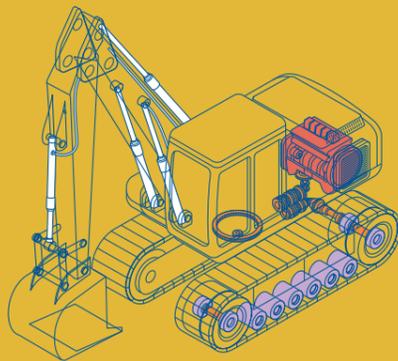
GEAR, AXLES & TRANSMISSIONS  
Shell Spirax



ENGINES  
Shell Rimula



BEARINGS  
Shell Gadus



In addition to the full range of Shell Rimula heavy duty engine oils, Shell also offers a complete portfolio of lubricants for every part of your equipment, including Shell Spirax gear, axle and transmission oils and Shell Gadus heavy duty greases.



[www.shell.com](http://www.shell.com)



**SHELL RIMULA**  
**ENERGISED PROTECTION**



# SHELL RIMULA ENGINE OILS MEETING YOUR BUSINESS NEEDS

DESIGNED TO MEET CHALLENGES



# SHELL RIMULA PRODUCT PERFORMANCE AND BENEFITS

The Shell Rimula heavy duty engine oil portfolio has products to meet virtually all the requirements and approvals of the world's leading heavy duty engine manufacturers, including Caterpillar, Cummins, Mercedes-Benz, Volvo and many others. The Energised Protection of Shell Rimula heavy duty diesel engine oils lets you choose the level of protection you need in three critical areas: acid control, deposit control and wear control. These are the areas that threaten engines most. Our technologists understand how to design protection levels into an oil to meet specific engine and operating conditions. The Shell Rimula range of oils are the culmination of their expertise and skill - offering a full range of protection and performance possibilities to operators of transport equipment.

## Shell Rimula R6 LME 5W-30

• Low Emissions • Maintenance Saving • Energy Saving

Combining synthetic base oils for enhanced additive activity, with an exclusive anti-wear booster, our latest product represents leading edge engine oil technology for transport operators. In independent testing Shell Rimula R6 LME has been proven to reduce fuel consumption by 1.1% compared to a conventional high ash SAE 10W-40 oil\*. It provides a compelling combination of wear and deposit control, protection for the latest emissions control systems and helps control fuel costs for the operators of the latest Euro IV and V engines.

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

(\* Tested by Technical University of Graz, Austria – full report available on request.)

## Shell Rimula R6 LM 10W-40

• Low Emissions • Maintenance Saving

Synthetic base oils for enhanced additive activity in combination with our exclusive formulation technology delivers a product with excellent versatility. Proven in a wide range of equipment, Shell Rimula R6 LM is approved for use in diesel and CNG powered heavy duty vehicles by many of the world's leading OEMs including Mercedes-Benz, MAN, Volvo, Cummins and more. This exceptional combination of specifications is what has let Shell Rimula R6 LM to be a popular choice for fleet and public transport operators in Europe.

ACEA: E7, E6, E4-99; API: CI-4, CH-4, CG-4, CF-4, CF; Caterpillar: ECF-1-A; Cummins: CES 20077, 72, 71; Deutz: DQC IV-05; Mack: EO-M+; MAN: M3477, M3271-1; MB Approval: 228.51, 226.9; MTU: Category 3.1; Renault Trucks: RD-2; Volvo: CNG, VDS-2, Jaso DH-2 (Meets)

## Shell Rimula R6 M/R6 ME

Shell Rimula R6 "M" series of products offer transport operators the opportunity to lower maintenance costs through use of the OEM approved drain intervals for several leading European makers including Mercedes-Benz, MAN, Volvo etc.

### Shell Rimula R6 M 10W-40

• Maintenance Saving

Synthetic technology formulation for excellent control of wear and deposits, even at extended maintenance intervals.

ACEA: E7, E4; API: CF; Cummins: CES 20072; Deutz: DQC IV-05; Mack: EO-M+; MAN: M3277; MB Approval: 228.5; MTU: Category 3; Renault trucks: RXD; Volvo: VDS-3, Scania: LDF-2, IVECO T3 E4 (Meets)

### Shell Rimula R6 ME 5W-30

• Maintenance Saving • Energy Saving

The fuel economy formulation provides the capability of helping improve fuel consumption by 2-3% vs an SAE 15W-40 oil.

ACEA: E4; API: CF; DAF: HP-1/2; MAN: M3277; MB Approval: 228.5; MTU: Category 3; Volvo: VDS-2, IVECO Standard TFE (Meets)

## Shell Rimula R5 E 10W-40

• Energy Saving

Suitable for most Euro III and many Euro IV engines, Shell Rimula R5 E uses synthetic technology base oil components with high performance chemistry for enhanced protection and performance beyond many conventional SAE 15W-40 products.

The improved flow characteristics have been demonstrated to be able to contribute to lower fuel consumption to help control operating costs, and to faster lubrication of critical engine parts in cold-start operations, to control wear for long engine life.

API: CI-4, CH-4, CG-4, CF-4, CF; ACEA: E7, E5, E3; Global: DHD-1; Cummins: CES 20078, 77, 76, 72, 71; Mack: EO-M, EO-M+; MAN: M3275; MB Approval: 228.3; Renault Trucks: RLD-2; Volvo: VDS-3, VDS-2

## Shell Rimula R4 L 15W-40

• Low Emissions • Extra Life – Improved Protection

Combining the latest additive technology for low emissions engines with low sulphur "Group II" base oils, Shell Rimula R4 L represents a major step forward for conventional SAE 15W-40 engine oils. Key benefits compared to previous generation oils are improved wear protection, improved deposit control and low-SAPS formulation technology for protection of exhaust after-treatment systems such as diesel particulate filters. Already meeting the requirements of the next generation of oil specifications, including ACEA E9\*, API-CJ-4, Mercedes-Benz 228.31 and Volvo VDS-4, Shell Rimula R4 L offers today's engines enhanced protection and performance, whilst being ready for the next generation of low-emission vehicles.

API: CJ-4, CI-4+, CI-4, CH-4, CG-4, CF-4, CF; ACEA: E7, E9, Iveco T2 E7 (Meets); Caterpillar: ECF-2, ECF-3; Cummins: CES 20081, 77, 72, 71; DDC: 93K218; Deutz: DQC-III-05; MACK: EO-O Premium Plus; MAN: M3275; MB Approval: 228.3, 228.31; MTU: Category 2; Renault Trucks: RLD-3; Volvo: VDS-4, VDS-3

## Shell Rimula R4 15W-40

• Modern Engine - High Power Use

Designed and demonstrated to provide superior protection compared to previous generation oils\*. It has significantly improved cleanliness, which means better deposit control and in modern high power, EGR engines it achieves better wear protection. It also proved its performance in severe duty Australian road-trains, which carry a load of up to 100 tonnes, with 30% less wear seen in used oil samples from Cummins engines.

API: CI-4, CH-4, CG-4, CF-4, CF; ACEA: E7, E5, E3; Global: DHD-1; Caterpillar: ECF-1-A; Caterpillar ECF-2; Cummins: CES 20078, 77, 76, 75, 72, 71; DDC: 93K215; Mack: EO-M, EO-M+; MAN: M3275; MB Approval: 228.3; Renault Trucks: RLD-2; Volvo: VDS-3

(\*e.g. API CH-4/ACEA E5 oils)

## Shell Rimula R3 X 15W-40

Triple Action – Resists: • Wear • Deposits • Heat

Tested in over 18 million km of documented real-world service, Shell Rimula R3 X has been shown to protect in three key areas giving lower wear, improved deposit and sludge control combined with resistance to breakdown by heat compared to previous generation oils\*. Shell Rimula R3 X is an ideal choice for most on- and off-highway equipment running in heavy duty service.

API: CH-4, CG-4, CF-4, CF; ACEA: E5, E3; Caterpillar: ECF-1-A; Cummins: CES 20077, 76, 75, 72, 71; DDC: 93K215; Mack: EO-M, EO-M+; MAN: M3275; MB Approval: 228.3; MTU: Category 2; Renault Trucks: RD-2; Volvo: VDS-2 Allison C4 (Meets)

(\*e.g. API CG-4 quality oils.)

## Shell Rimula R2 / R2 Extra

The Shell Rimula R2 range of heavy duty engine oils provides entry-level protection for medium and heavy duty applications.

### Shell Rimula R2 monogrades

• Tough, Long Lasting Action

Based on an enhanced additive package with up to 33% more acid-control components compared to basic API CF quality oils, these oils are suitable for a wide variety of non-turbocharged engines in heavy duty service.

API CF

### Shell Rimula R2 Extra

• Turbocharger Protection

With up to 20% more deposit fighting additives than basic API CF-4 oils, Shell Rimula R2 Extra provides excellent protection against deposits in hotter, higher powered turbocharged engines (compared to non-turbocharged applications). These oils are suitable for older turbocharged engines.

API: CF-4, CF; ACEA: E2; MAN: 271; MB Approval: 228.1; Volvo: VDS

