SHELL ROTELLA® T4 Triple Protection® Heavy Duty Engine Oil

Introducing the next evolution of hard working protection.

The Engine Oil That Works As Hard As You.

Shell ROTELLA®
The most technically advanced Shell ROTTLEA® formulation ever
It is designed to effectively sustain emissions control system durability, where diesel particulate filters and after-treatment systems are used. Plus it provides enhanced protection against viscosity loss due to shear and improved oil aeration. The exclusive low-ash formulation helps protect the exhaust catalysts and diesel particulate filters found on the latest low-emission vehicles. Shell ROTTLEA® T4 Triple Protection® is suitable for virtually all modern low-emission heavy duty engines* and older, hard working diesel engines.

* Consult your owner’s manual for heavy duty engine oil recommendations.

Triple Protection® technology
With millions of miles of real world testing, Shell ROTTLEA® T4 Triple Protection® oils use a proprietary formula exclusive to Shell. They are designed to protect under the most severe engine conditions found in modern low-emission and older, hard working diesel engines.

Bring on the heat
Shell ROTTLEA® T4 Triple Protection® Heavy Duty Engine Oil shows significantly improved resistance to oil breakdown under high temperatures. Tests prove that Shell ROTTLEA® T4 Triple Protection® resists oxidation up to 50% longer than the previous generation of Shell ROTTLEA® T Triple Protection®. The result? Shell ROTTLEA® T4 Triple Protection® protects against wear and deposits and keeps engines running long, clean and operating efficiently*.

* Shell ROTTLEA® T4 demonstrates strong wear protection in CK-4 engine tests including the Cummins ISM and ISB.

Wear protection beyond CK-4 standards
In API industry wear tests, Shell ROTTLEA® T4 Triple Protection® 15W-40 didn’t just meet CK-4 specs, it delivered an average of 50% more wear protection than required. That’s protection where it matters most—on the road.
Excellent sludge control
Our unique formula contains optimized dispersants for outstanding sludge control and cleanliness.

The results speak for themselves in this 2013 DDC DD15 valve deck after 590,826 miles. It is rated 9.75 out of 10, clearly showing an impressive level of cleanliness.

LEGACY Shell ROTELLA® T Heavy Duty Engine Oil 15W-40

Shell ROTELLA® T4 Triple Protection® 15W-40 New Shell ROTELLA® T4 Heavy Duty Engine Oil 15W-40

- Shell proprietary test method - 20 hour heating cycle with measured deposits each hour
- Cleaner tubes = fewer deposits

Improved protection against deposits
Shell ROTELLA® T4 Triple Protection®  Heavy Duty Engine Oil Oil defends against deposits,* and helps keep engines cleaner over the oil drain interval.

* Shell ROTELLA® T4 Heavy Duty Engine Oil delivers reduced deposits in CK-4 engine tests including Caterpillar 1N and OM 501 industry standard tests.

EXCELLENT WEAR PROTECTION

PROTECTION AGAINST DEPOSITS

2013 Paccar MX engine with 613,458 miles. Reveals very low levels of land and groove deposits.

Cleaner filters. Optimum efficiency
Shell ROTELLA® T4 Triple Protection® helps control vehicle emissions in two ways: 1) by reducing the rate of lubricant-related DPF blockage and 2) by virtue of the improved wear and exceptional cleanliness, helping engines maintain efficient combustion. Minimizing DPF blockage also helps maintain fuel economy, thus further helping control exhaust-gas emissions.
Our complementary range
In addition to a full range of Shell ROTELLA® Heavy Duty Engine Oils, Shell Lubricants offers a complete portfolio of lubricants for every part of your equipment, including Shell SPIRAX® gear/axle oils and transmission fluids, Shell GADUS® greases, Shell ROTELLA® ELC Extended Life Coolant/Antifreeze, and Shell HD Antifreeze/Coolant.

Health, safety and environment
Shell ROTELLA® T4 Triple Protection® oils are unlikely to present any significant health or safety hazard when properly used in the recommended application, and when good standards of industrial and personal hygiene are maintained.

Avoid contact with eyes, skin or clothing. 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 Safety Data Sheet or visit www.epc.shell.com.

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 Lubricants Representative.

For more information, contact your local Shell Lubricants Representative or visit www.rotella.com

The term ‘Shell Lubricants’ collectively refers to individual Shell Group companies engaged in the lubricants business throughout the world. These are separate and distinct entities. The collective expressions ‘Shell’ and ‘Shell Lubricants’ may be used herein for convenience where reference is made in general to those companies or where no useful purpose is served by identifying any particular company or companies.

SPECIFICATIONS AND APPROVALS

SAE VISCOSITY GRADE

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<th>15W-40*</th>
<th>10W-30</th>
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<td>API CJ-4, CI-4 PLUS, CI-4, CH-4, SM, SL, SJ, ACEA E9, E7; JASO DH-2, MA/MA 2; Caterpillar ECF-1A, ECF-2, ECF-3; Cummins CES 20081; DDC 93K218; Deutz DQC III-10 LA; MACK EO-O Premium Plus; Ford WSS-M2C171-E; MAN 3575; MB Approval 228.31; MTU Category 2.1; Renault Trucks RLD-3; Volvo VDS-4</td>
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* Meets API CK-4 specs with first license December 1, 2016. Additional OEM spec approvals are pending.

PRODUCT MATERIALS & PACKAGE SIZE

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<th>PRODUCT</th>
<th>12x1 Quart</th>
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