



# SHELL ROTELLA® T6 SAE 0W-40 FULL SYNTHETIC HEAVY DUTY DIESEL ENGINE OIL – ARCTIC BLEND

## PRODUCT DESCRIPTION

Shell ROTELLA® T6 SAE 0W-40 features an advanced Shell exclusive "Low "SAPS"\* additive technology in a synthetic base oil, and is designed to provide highly responsive performance in extreme low temperature climates. Shell ROTELLA® T6 0W-40 meets the API CJ-4/SN, Volvo VDS-3, and Mack EO-N, and Caterpillar ECF-3, ECF-2 and ECF-1A specifications. It is suitable for modern vehicles that have 2010 emissions compliant engines and after treatment systems, which require CJ-4 engine oil.



Shell ROTELLA® T6 SAE 0W-40 builds on our commitment to providing innovative solutions to meet the technical and operational needs of your equipment and has been tested and proven to protect your vehicle.

## PERFORMANCE FEATURES & BENEFITS

PERFORMANCE	BENEFIT
Excellent Shear Stability	Helps maintain consistent viscosity and oil pressure during severe high temperature service and oil pressure in the engine.
Protection in extreme low temperature climates	Allows reliable pumping on start-up in low temperature environment
Excellent sludge control & soot handling	This helps keep the oil free flowing for good startup and continued energy efficiency. Performance should carry through, not only as a new oil in the engine, but also throughout the entire oil drain
Emissions system compatibility	Helps maintain vehicle emission compliance and engine fuel efficiency. Advanced low-ash formulation helps control blocking or poisoning of exhaust after-treatment devices

**Shell**  
**ROTELLA®**

The Engine Oil That Works As Hard As You.™

\*Shell ROTELLA® T6 0W-40 is formulated with reduced levels of sulfated ash, phosphorous, and sulfur to help maintain the efficiency of the after treatment system of the vehicle.

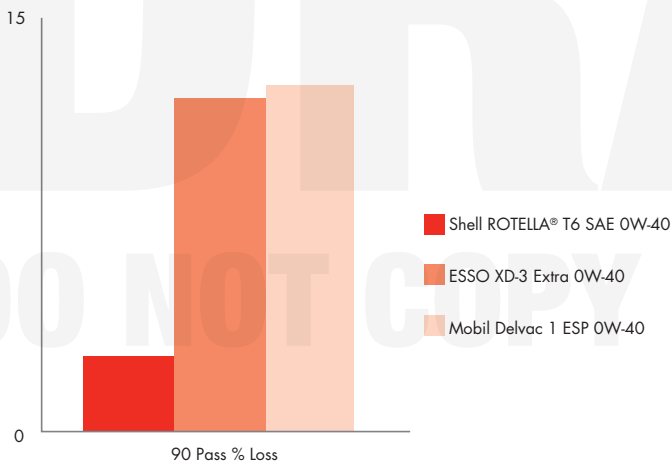
## LOW-TEMPERATURE PROTECTION

Shell ROTELLA® SAE T6 0W-40 is especially designed for those customers who desire the extreme low temperature protection which a SAE 0W-40 provides, in addition to meeting the latest API CJ-4 specification. It is formulated to provide effective flow to critical engine parts under extreme low temperature conditions. Shell ROTELLA® T6 SAE 0W-40 provides the best low temperature performance in the Shell ROTELLA® portfolio. Shell ROTELLA® T6 SAE 0W-40 has a pour point of -51 °C.

## EXCEPTIONAL SHEAR STABILITY

Shell ROTELLA® T6 SAE 0W-40 provides exceptional shear-stability degradation compared to the leading competitive API CJ-4 SAE 0W-40 products. An extremely shear-stable product helps maintain consistent viscosity and oil pressure in the engine.

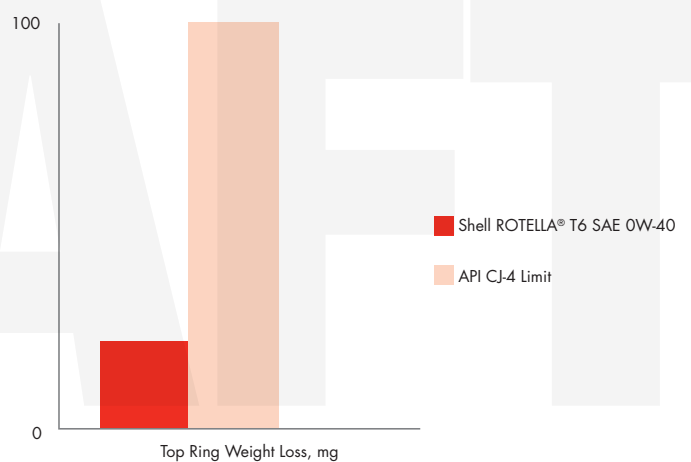
### Shear Stability (90 Passes)



## PROTECTION AGAINST WEAR

Shell ROTELLA® T6 SAE 0W-40 was formulated to deliver the strong wear protection that is representative of the Shell ROTELLA® portfolio. In the Cummins ISM engine test, which is required for API CJ-4 and which measures top ring weight loss and crosshead wear, Shell ROTELLA® T6 SAE 0W-40 scored a perfect 700 out of 700 merits for those two parameters. The actual result for Top Ring Weight Loss in the Cummins ISM engine test is the best (lowest) in the current Shell ROTELLA® portfolio.

### Demonstrating Wear Performance



## SPECIFICATIONS & APPROVALS

- API CJ-4/SN
- Volvo VDS-3
- Mack EO-N
- Caterpillar ECF-3, ECF-2, ECF-1A

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