

Shell ROTELLA® T Synthetic 5W-40



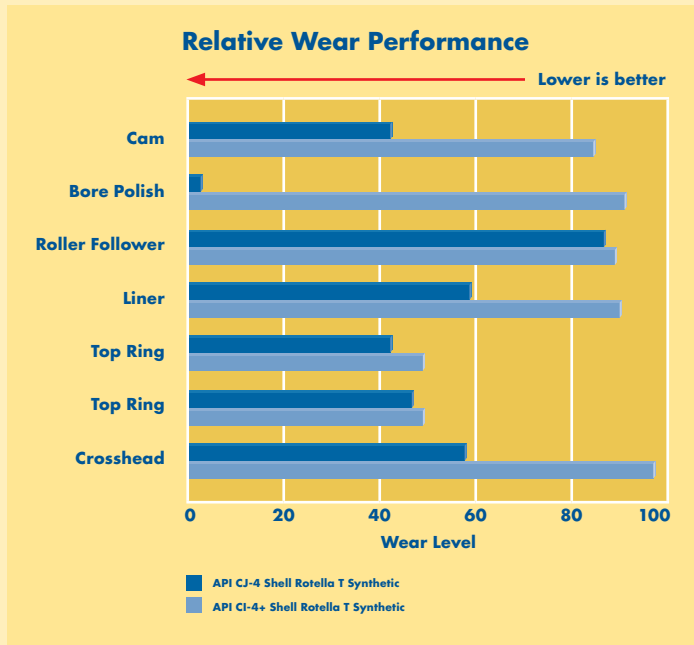
The protection you expect from Shell Rotella T with the benefits of a synthetic

Now even better protection

The improved formulation of Shell Rotella T Synthetic motor oil offers added benefits not found in a conventional oil technology. The new formulation delivers improved wear protection, improved soot control, improved protection in all climates and fuel-saving capability. Now reformulated to meet API CJ-4, Shell Rotella T Synthetic provides overall better performance for your engine.

Improved wear protection

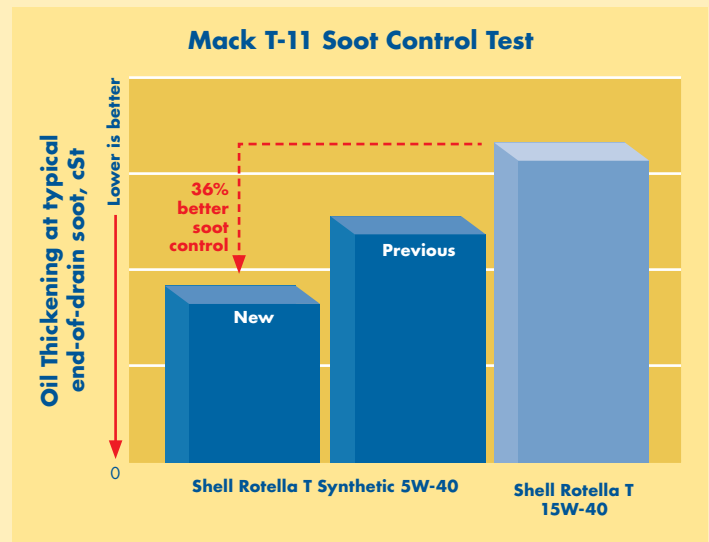
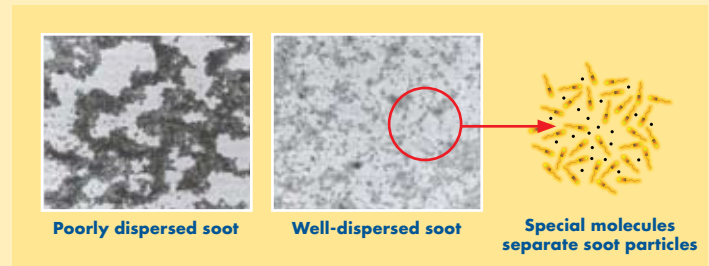
New Shell Rotella T Synthetic delivers up to 34% better wear performance compared to the previous 5W-40 formulation*. In 7 out of 7 industry-standard, diesel-engine-wear test measurements, new Shell Rotella T Synthetic outperformed the previous formulation.



Protection against soot

New Shell Rotella T Synthetic helps control the impact of soot on your engine through increased levels of high-performance ashless chemistry that keeps soot particles apart. You get up to 36% improvement in soot control at typical motor-oil-soot levels.* This helps keep the oil free flowing for good startup and continued energy efficiency, and helps prevent sludge, deposits and wear.

* Compared to Shell Rotella T 15W-40 at typical end-of-drain soot levels, based on MACK T-11 soot-test analysis



Shell Lubricants

Fuel saving capability

Oils such as Shell Rotella T Synthetic can help improve fuel efficiency through lower viscous friction in lubricated contacts and by reducing the energy used to pump the oil through the engine.

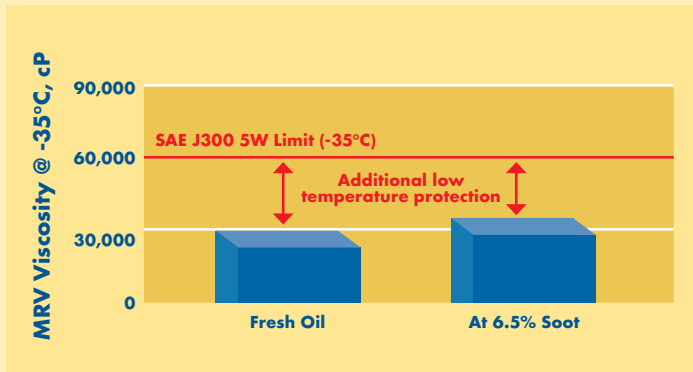
Shell studies show fuel savings of approximately 1% are possible. For a typical truck** covering 160,000 km per year, that's a saving of 680 litres of diesel fuel. At \$1.30 per litre, that's a savings of \$884 per truck per year.

* Compared to conventional SAE 15W-40 oils

** Assumes fuel consumption of 2.35 km/litre

Protection in all climates

New Shell Rotella T Synthetic also provides extra protection against breakdown by heat. Its new formulation offers up to 70% better oxidation resistance, compared to conventional 15W-40 CJ-4 oil.* Tests also show up to 81% less deposits than average CJ-4 15W-40 results.** Shell Rotella T Synthetic 5W-40 provides excellent control of low-temperature thickening, giving improved cold start and low-temperature lubrication. Even at temperatures down to -35° C, excellent soot control provides cold flow right to end of drain.



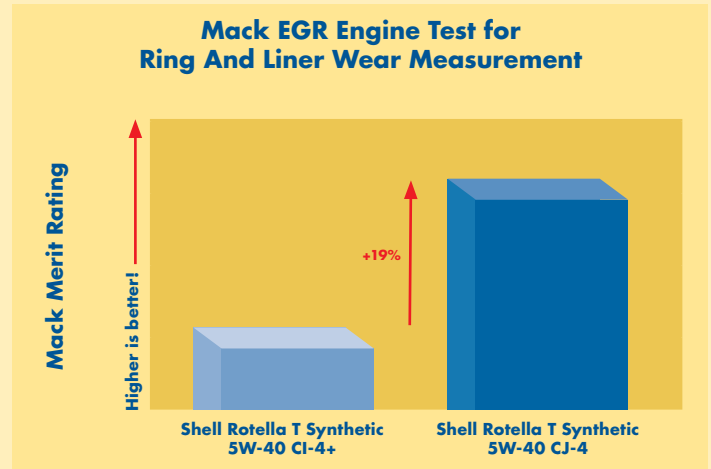
* When compared with Shell Rotella T 15W-40 CJ-4

** When compared with an average of 13 products (CJ-4 15W-40) in Komatsu Hot Tube deposit test procedure

Suitable for a wide range of applications

Shell Rotella T Synthetic is suitable for most on- and off-highway applications. It has high TBN for added protection in off-highway or extended-drain operation. In severe duty, tests showed up to 19% improvement in severe ring and liner wear.*

* Industry standard Mack ring and liner wear test.



Shell Rotella T Synthetic 5W-40 Claims

New formulation meets latest API CJ-4 specifications and leading engine-maker requirements:

Claims and Approvals	SAE viscosity Grade
	5W-40
API: CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF	✓
API: SM, SL, SJ, SH	✓
Caterpillar : ECF-3, ECF-2	✓
Cummins: CES 20081	✓
DDC: 93K218	✓
Ford: WSS-M2C171-E	✓
Mack: EO-O Premium Plus	✓
MB Approval: 228.31	✓
Volvo: VDS-4	✓

