



SHELL ROTELLA[®] T Synthetic

Fully synthetic heavy-duty engine oil

Product Description

Shell Rotella[®] T Synthetic SAE 5W-40 is a fully synthetic heavy-duty diesel and gasoline engine oil developed especially to meet the requirements of North American driving. The exclusive Shell formulation offers users exceptional performance and protection in combination with enhanced fuel economy potential over conventional 15W-40 motor oils. This synthetic multigrade engine oil meets the service requirements of virtually all four-stroke cycle diesel and gasoline engine manufacturers.

Applications

- Recommended for new and older diesel- and gasoline-powered vehicles, including personal vehicles and commercial vehicles such as on-road, off-the-road, truck rental, pickups, delivery, utility, and school bus fleets.
- Meets or exceeds the diesel engine requirements of API CI-4, , Cummins CES 20078, Detroit Diesel, John Deere, Dodge, Ford, GM, International, Mack EO-N Premium Plus 03, Volvo and others. For gasoline engines, it exceeds API SL.

Features/Benefits

- Formulated for multipurpose use, simplifying inventory needs
- Outstanding wear protection and bearing corrosion control helps maximize engine life
- Helps speed cold starts, even with low winter temperatures
- Enhanced oxidation stability and soot control, especially at higher temperatures, aids service life
- Improved fuel economy – when compared to conventional SAE 15W-40 oils
- Product is warranted against defect and has performance which meets or exceeds virtually all equipment manufacturer's engine oil warranty requirements

Approvals and Recommendations

- API CI-4, CH-4, CG-4, CF-4, CF
- API SL, SJ, SH
- Cummins CES 20078,20076; 20071
- Detroit Diesel 7SE 270
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- Mack EO-N Premium Plus '03, EO-N, EO-M Plus



Typical Properties of Shell Rotella[®] T Synthetic

	Test Method	SAE Grade
		5W-40
Product Code		54300
Viscosity:		
@ -30°C, cP	D 5293	6400
@ 40°C, cSt	D 445	90
@ 100°C, cSt	D 445	15.0
Viscosity Index	D 2270	176
Flash Point, °C	D 92	222
Pour Point, °C	D 97	-40
Low temperature cranking viscosity cP @ -30°C	D 5293	6400
Low Temperature Pumping viscosity, cP @ -35°C	D 4684	39,000
Neutralization No. TBN-E	D 2896	11.5
Sulfated ash, wt%	D 874	1.47

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. For more information and availability, call **1+800-782-7852** or visit the World Wide Web: <http://www.shell-lubricants.com> or <http://www.rotella.com>.