



SHELL ROTELLA® T5 ULTRA 10W-30

ALL THE HARD WORK YOU EXPECT, ONLY BETTER

The next generation of heavy duty diesel engine oils is here. Engine manufacturers sought a new diesel engine oil that would provide improved fuel economy over existing oils. The API FA-4 performance standard requires the oil to be blended to a thinner viscosity, which helps improve fuel economy and lower emissions*. Shell ROTELLA® T5 Ultra 10W-30 meets and exceeds the new performance standard without sacrificing engine protection.

* Compared to CK-4 heavy duty engine oils

Main Applications

Shell ROTELLA® T5 Ultra 10W-30 is suitable for use in 2017 as well as some late model engines **allowing** an API FA-4 diesel oil in this viscosity. Some engine manufacturers do not yet approve the use of API FA-4 engine oils, while some allow limited backwards compatibility to earlier model year engines. Check with your original equipment manufacturer regarding the use of API FA-4 diesel oil.

About Triple Protection Plus™

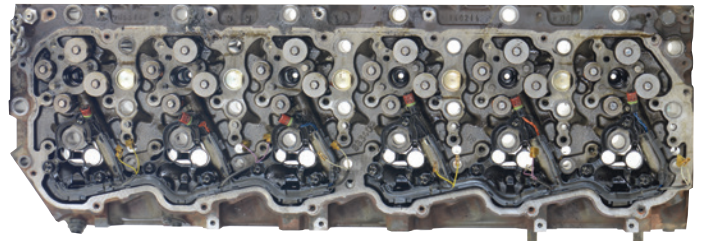
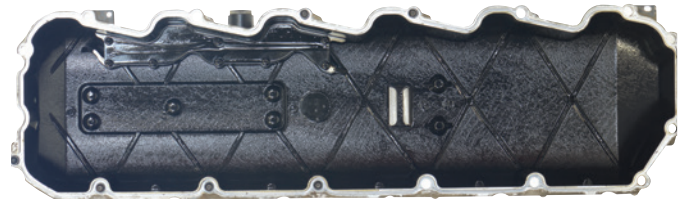
Hardworking diesel engines need a heavy-duty oil that works just as hard. Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ technology is designed to provide modern diesel engines with hardworking protection that adapts to virtually any driving condition. Triple Protection Plus™ is the unique combination of Triple Protection® - advanced additive technology and synthetic base oils. Triple Protection Plus™ represents protection against wear, deposits, oil breakdown plus better fuel economy performance. This unique combination helps to deliver excellent equipment protection, long engine life and maintain viscosity control under high temperatures.



Delivers savings without compromising protection

Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ provides enhanced fuel savings compared to a conventional SAE 15W-40 oil. It can help you save on fuel but without sacrificing wear protection. Wear protection is critical to prolonging engine life and Shell ROTELLA® T5 Ultra 10W-30 delivers an average result across all the API FA-4 and OEM tests that is 32.5% of the respective limit. So customers can expect excellent wear protection while saving on fuel.

Shell Lubricants goes beyond the lab to test products in the field where they will actually be used by our customers. Field trials further demonstrated the excellent deposit control seen in the lab.



These pictures are from a Cummins ISX engine with 460,913 miles running Shell ROTELLA® T5 Ultra 10W-30. The valve deck received a rating of 9.72 and the Rocker Cover a rating of 9.74 with 10 being clean.



Shell
ROTELLA

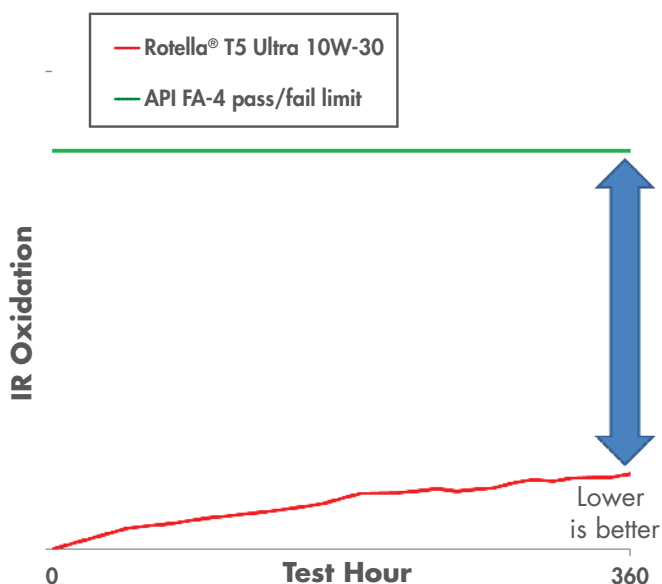
The Engine Oil That Works As Hard As You.™

ADDITIONAL SHELL ROTELLA® T5 ULTRA PERFORMANCE, FEATURES AND BENEFITS:

Oxidation Protection

Shell ROTELLA® T5 Ultra 10W-30 performs outstanding in API and OEM oxidation tests: resisting oxidative thickening, delivering results that far exceed the maximum allowable thickening. This demonstrates the ability to control harmful acid buildup which can cause corrosive wear in the engine. In addition, strong oxidation protection means better viscosity control, which helps maintain fuel economy. If the oil is not thickening up, then the fuel economy performance will be better maintained throughout the oil drain. It also helps prevent deposits in the engine and maintain engine cleanliness, which can prolong engine life.

Volvo T13 IR Peak Height



Exceptional oil consumption control

Shell ROTELLA® T5 Ultra 10W-30 with Triple Protection Plus™ has been formulated to minimize and control oil consumption and help reduce the need for oil top off.

Low emissions for 2017 and beyond

Shell’s exclusive ROTELLA® T5 Ultra low ash formulation helps protect the exhaust catalysts and particulate filters found on 2017 and beyond on-highway low emission vehicles. It meets the requirements of all of the major U.S. and European engine manufacturers for low emission applications requiring an API FA-4 quality diesel oil.

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.

For more information, contact your local Shell Lubricants Representative or visit www.rotella.com or www.shell.ca/rotella in Canada

OEM SPECIFICATIONS AND APPROVALS

SAE 10W-30

API FA-4
Cummins CES 20087
Detroit Diesel Fluid Specification (DFS) 93K223

PRODUCT MATERIAL CODE & PACKAGE SIZE

PRODUCT	3 * 1 GALLON JUG/3 * 5 LITRE JUG	55 GALLON DRUM	BULK
US	550046254	550046249	500010121
Canada	550046250	550046249	500010121

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.