

Shell Rotella TX (CF-4)

High performance heavy duty diesel engine oil



Rotella TX is a high performance diesel engine oil designed for use in both turbocharged and non-turbocharged engines. Rotella TX provides robust affordable protection through use of more efficient modern additive technology in combination with well proven base oil and viscosity modifiers.

Applications

- **Automotive diesel engines**

Rotella TX is the ideal choice for a wide range of turbo-charged and non-turbocharged engines under normal operation. It is particularly recommended for use in older trucks and buses as well as for cost effective lubrication in off highway applications such as agricultural tractors.

For more severe operation or application in modern low emission engines we recommend Rimula X or Rimula Super

Performance Features and Benefits

- **Multigrade Benefits**

Compared to use of monograde oils, Rotella TX can deliver the user a range of benefits associated with the use of multigrade oils.

- **Protection for Turbocharged Engines**

Unlike other lower cost multigrade oils, Rotella TX can be confidently used in many turbocharged engines to provide protection and long engine life.

- **Piston Cleanliness**

Rotella TX meets the standards of piston cleanliness associated with API CF-4 oils - the use of modern formulation chemistry delivers piston cleanliness guaranteeing the user consistently high performance in a range of applications.

Specification and Approvals

American Petroleum Institute
API CF-4, CF

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

Rotella TX (CF-4)	25W-50
SAE Viscosity Grade	25W-50
Kinematic Viscosity @ 40 °C mm ² /s 100 °C mm ² /s (ASTM D 445)	155 18.5
Dyn. Viscosity @ - 10 °C mPa s (ASTM D 2602)	5500
Viscosity Index (ISO 2909)	134
Density @ 15°C kg/m³ (ASTM D 4052)	896
Flash Point (COC) °C (ISO 2592)	205
Pour Point °C (ISO 3016)	-15

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.