

# RUBIA TIR 7400 CI-4 PLUS 15W40

## Data sheet

Multigrade oil for diesel engines



TOTAL

### APPLICATIONS

**Protection to diesel engines**

- Super premium diesel engine oil especially formulated to provide outstanding protection to modern, high performance diesel engines used in the toughest on- and off-highway applications.

**Providing reliable performance**

- Particularly designed using top quality, highly refined base oil together with advance-technology additives to provide reliable performance in the latest emission designs, including those with EGR systems, as well as satisfying the needs of older engines.

### PERFORMANCES

**Specifications**

Formulated to meet the performance level :

- API CI-4 PLUS, API CI-4/SL
- ACEA E7-04
- Global DHD-1

**OEM's Specifications**

Recommended to meet the following credentials :

- CUMMINS CES 20076/7/8
- MACK EO-N PREMIUM PLUS
- CATERPILLAR ECF-1/ECF-2
- MB 228.3
- DDC 93K214
- VOLVO VDS-3
- ZF TE-ML 07C / 04C
- MAN 3275

### CUSTOMER BENEFITS

**Engine Protection**

- Contributes to the reduction of both fuel consumption and emissions.
- Exceptional high temperature/high shear viscosity for bore-polishing protection and reduced engine scuffing hence extend engine life.
- Outstanding control of oxidation and thermal stability reduces sludge deposits to keep engines cleaner.
- Extended TBN reserves provide improved acid neutralization and corrosion protection.

**EGR Emission system**

- Excellent dispersancy provides outstanding soot control in Exhaust Gas Recirculation (EGR) and non EGR diesel engines.

**TOTAL Rubia TIR 7400 CI-4 PLUS 15W40**  
**Version Sept, 2010**

This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.

## CHARACTERISTICS

<b>Total Rubia TIR 7400 CI-4 PLUS</b>	<b>Method</b>	<b>Units</b>	<b>SAE 15W40</b>
Volumetric mass at 15°C	ASTM D1298	kg/m <sup>3</sup>	879
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	111
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	14.60
Viscosity Index	ASTM D2270	-	137
Pour Point	ASTM D97	°C	-36
Flash Point	ASTM D92	°C	225

The typical characteristics mentioned represent mean values.

---

**TOTAL Rubia TIR 7400 CI-4 PLUS 15W40**  
**Version Sept, 2010**

This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.