

RUBIA TIR 7800 SAE 15W-40



**DIESEL
ENGINES**



Heavy duty diesel engine oil, API CI-4 Plus/SL

APPLICATIONS

API CI-4 +

This lubricant is formulated to meet the enhanced API CI-4+ specification for use in EGR equipped heavy-duty diesel engines in high output service.

All types of service

It is recommended especially for all on-highway applications, but can also be used in off-highway diesel equipment, farm tractors, and passenger cars and light trucks with diesel engines, turbo-charged or non turbo-charged and well as gasoline engines.

PERFORMANCE

Specifications

- API CI-4 Plus/SL (API CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF/SL)
- ACEA E7
- GLOBAL DHD-1

OEMs approvals

Meets the requirements of Caterpillar ECF-2; Cummins CES 20078; Detroit Diesel 93K214; DDC series 2000 & 4000; Mack EON Premium Plus 03; MAN 3275; Mercedes Benz MB-Approval 228.3; Volvo VDS-3; Renault Trucks RLD -2

CUSTOMER BENEFITS

Increased drain intervals

- Its high performance level allows longer drains intervals.
- Exceptional anti-wear and anticorrosion properties
- Good efficiency against bore polishing
- Excellent viscosity stability in operation
- High detergency and excellent soot dispersion

High technical performance

CHARACTERISTICS

TYPICAL PROPERTIES—RUBIA TIR 7800 SAE 15W-40

Specific gravity	0.885
Viscosity @ 40°C, cSt (ASTM D 445)	122
Viscosity @ 100°C, cSt (ASTM D 445)	15.0
Viscosity Index (ASTM D 2270)	127
Flash point °F (°C) (ASTM D 92)	424 (218)
TBN (ASTM D 2896)	11
Cold crank, cps @ -20°C (ASTM D 5293)	< 7000

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RUBIA 7-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.