

RUBIA TIR 7800, SAE 15W-40



**DIESEL
ENGINES**



TOTAL

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

TOTAL Lubricants USA Southwest

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