

RUBIA TIR 7900, SAE 15W-40



**DIESEL
ENGINES**



High performance heavy-duty diesel engine oil, API CJ-4 /SM

APPLICATIONS

All types of service

- Developed for the newest (post 2007) low emission diesel engines with after-treatment systems using low sulfur or ultra-low sulfur diesel fuel.
- Formulated to meet the most severe servicing conditions for both on and off-highway diesel powered equipment. Recommended for transportation and off-highway equipment such as long- and short-haul delivery trucks, farm tractors, construction equipment, etc.

PERFORMANCE

Specifications

- API CJ-4/SM (API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF/SM)
- ACEA E7/E9

OEMs approvals

Cummins CES 20081; Detroit Diesel 93K218; DDC series 2000 & 4000; Mack EO-O Premium Plus 07 ; MAN 3275 ; Mercedes Benz-Approval 228.31; Renault trucks RLD-3 and Volvo VDS-4.
Meets the requirements of Caterpillar ECF-3 and International (Navistar)

CUSTOMER BENEFITS

Increased drain intervals

- Its high performance level allows longer drains intervals over prior API categories for heavy duty diesel engine oil.

High technical performance

- Exceptional anti-wear and anticorrosion properties
- Good efficiency against bore polishing
- Excellent viscosity stability in operation
- High detergency and excellent soot dispersion

CHARACTERISTICS

TYPICAL CHARACTERISTICS--RUBIA TIR 7900 SAE 15W-40

| | | | |
|---------------------------------------|--------|---------------------------------|-----------|
| Specific gravity | 0.874 | Pour point, °F (°C) (ASTM D 97) | -29 (-34) |
| Viscosity @ 40°C, cSt (ASTM D 445) | 113 | Flash point °F (°C) (ASTM D 92) | 424 (218) |
| Viscosity @ 100°C, cSt (ASTM D 445) | 15.0 | Phosphorus (ppm) | < 1200 |
| Viscosity Index (ASTM D 2270) | 137 | Ash, wt% (ASTM D 874) | 1.0 |
| TBN (ASTM D 2896) | 10 | Sulfur | < 0.4 |
| Cold crank, cps @ -20°C (ASTM D 5293) | < 7000 | | |

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Rubia TIR 7900 15W-40
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