

RUBIA TIR 7900 SYN NA

SAE 5W-40



**DIESEL
ENGINES**



Fully synthetic, high-performance heavy-duty diesel engine oil, API CJ4 /SM

APPLICATIONS

All types of service

- **RUBIA TIR 7900 SYN NA 5W-40** was developed as a premium synthetic API CJ-4/SM for newest (post 2007) low emission diesel engines with after-treatment systems using low sulfur or ultra-low sulfur diesel fuel.
- Formulated as a full wide-range synthetic fluid to meet the most severe servicing conditions for both on and off-highway diesel powered equipment under all weather conditions.
- Recommended for transportation and off-highway equipment such as long- and short-haul delivery trucks, farm tractors, construction equipment, etc.

PERFORMANCE

Specifications

OEMs performance level

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

Meets the requirements of major OEMs whose specifications are based upon API CJ-4/SM category (Caterpillar, Cummins, Detroit Diesel, etc).

CUSTOMER BENEFITS

Increased drain intervals

High technical performance

- Its synthetic base oil allows longer drains intervals than mineral-based API CJ-4/SM category oils. It also has longer drain intervals than prior API categories for heavy duty diesel engine oil.
- Exceptional low temperature properties for improved start-ups even under sub-zero temperatures
- Exceptional anti-wear and anticorrosion properties
- Excellent viscosity stability in operation
- High detergency and excellent soot dispersion

CHARACTERISTICS

TYPICAL CHARACTERISTICS--RUBIA TIR 7900 SYN NA SAE 5W-40

Specific gravity @ 60 F (ASTM D 1298)	0.861	Density, lbs./gal	7.17
Viscosity @ 40°C, cSt (ASTM D 445)	92	Pour point, °F (°C) (ASTM D 97)	-54 (-48)
Viscosity @ 100°C, cSt (ASTM D 445)	14.5	Flash point °F (°C) (ASTM D 92)	435 (224)
Viscosity Index (ASTM D 2270)	162	Ash, wt% (ASTM D 874)	1.0
Cold crank, cps @ -30°C (ASTM D 5293)	< 6600	TBN (ASTM D 2896)	10

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