

# RUBIA TIR 7900 SYN NA

## 5W40



**TOTAL**

### Synthetic diesel engine oil

#### USES

- **RUBIA TIR 7900 SYN NA** premium synthetic diesel engine oil meets engine performance requirement of most gasoline engines (SM).
- **RUBIA TIR 7900 SYN NA** has been extensively field proven with millions of miles and hours of trouble free operation, even under the most severe conditions.
- **RUBIA TIR 7900 SYN NA** engine oil is designed to provide superior all-season protection for diesel engines.
- **RUBIA TIR 7900 SYN NA** can be utilized where pumpability at low temperature would traditionally require lower viscosity grade oil.
- **RUBIA TIR 7900 SYN NA** provides excellent oil consumption control, protection against low-temperature and high-temperature deposits and has outstanding antiwear characteristics.
- Superior stay in grade performance in diesel engine equipped with exhaust gas recirculation (EGR).

#### PERFORMANCES

- **API: CJ-4, CI-4+**
- **API: SM, SL**
- **CATERPILLAR ECF-3**
- **CUMMINS CES 20078, 20077, 20076, 20071**
- **MACK: EO-N Premium Plus, EO-N, EO-M PLUS, EO-M, EO-L PLUS, EO-L, EO-K/2**
- **ALLISON C4**
- **VOLVO VDS-3**

#### CUSTOMERS BENEFITS

- Satisfies most North-American warranty requirements.
- Outstanding oil consumption control.
- Excellent soot handling capability.
- Superior deposit control.
- Excellent wear protection.
- Superb oxidation stability.
- Excellent two-cycle diesel performance.
- Superior performance over a wide range of fuel sulfur content.
- Extended service intervals

## CHARACTERISTICS

PROPERTIES	ASTM TEST	5W-40
API Classification	-	CJ-4, CI-4 PLUS, CH-4, CG-4 CF-4CF, CD / SM, SL, SJ
Viscosity in cSt at 40°C	<b>D445</b>	100
Viscosity in cSt at 100°C	<b>D445</b>	15,3
Viscosity Index	<b>D2270</b>	160
Flash Point in °C	<b>D92</b>	230
Phosphorus Content in weight %	<b>D5185</b>	0,115
Zinc Content in weight %	<b>D5185</b>	0,120
Viscosity (IBP) in cP at (°C)	<b>D4684</b>	<-35
Viscosity (CCS) in cP at -30°C	<b>D5293</b>	5700
Density in kg/L	<b>D1298</b>	0,86
Pour Point °C/°F, minimum	<b>D97</b>	-45/-49
Sulfated Ash in weight %, maximum	<b>D874</b>	1,0
Total Base Number in mg KOH/g of oil	<b>D4739</b>	10,0

Remark: Although the preceding values are typical properties, they do not represent guaranteed characteristics.