

RUBIA S



**DIESEL
ENGINES**



TOTAL

HD diesel engine oil monogrades-often used as hydraulic and transmission oils

APPLICATIONS

All types of service

- Premium quality oil formulated to meet the requirements of powershift transmissions
- The appropriate grades may be used as manual transmission, torque converters and hydraulic systems for which motor oils are recommended. The SAE 30, 40 and 50 grades may be used as diesel or fleet engine oils.

PERFORMANCE

- Meets API CF/SF
- Meets API CF-2
- Meets ACEA E2

CUSTOMER BENEFITS

High technical performance

- Exceptional detergency and dispersancy
- High chemical stability and resistance to oxidation
- Excellent anti-wear, anti-corrosion, anti-foam and oxidation resistance

CHARACTERISTICS

TYPICAL PROPERTIES—RUBIA S

	10W	20W	30	40	50
SAE Grade					
Specific gravity @ 60/60°F	0.874	0.877	0.882	0.884	0.884
Viscosity @ 40°C, cSt (ASTM D 445)	37	55	90	135	193
Viscosity @ 100°C, cSt (ASTM D 445)	6.4	8.5	11.2	14.6	18.5
Viscosity Index (ASTM D 2272)	126	121	112	109	107
Pour point, °F (°C) (ASTM D 97)	-30 (-34)	-20 (-29)	-15 (-26)	5 (-15)	10 (-12)
Flash point °F (°C) (ASTM D 92)	395 (202)	420 (216)	430 (221)	450 (232)	460 (238)
TBN (ASTM D 2896)	8	8	8	8	8
Sulfated Ash, wt% (ASTM D 874)	1.0	1.0	1.0	1.0	1.0

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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.