

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

- API CF/SF
- 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					
SAE Grade	10W	20W	30	40	50
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)	10	10	10	10	10
Sulfated Ash, wt% (ASTM D 874)	1.1	1.1	1.1	1.1	1.1

TOTAL Lubricants USA, Inc.

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