

RUBIA FLEET



**DIESEL
ENGINES**



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

APPLICATIONS

All types of service

- Premium quality oil formulated to meet the requirements of powershift transmissions requiring Caterpillar TO-2 oil or hydraulic oil.
- 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

Specifications

- API CF-2,CF (SAE 20,30,40,50); API CF (SAE 10W)
- Allison C-3 (SAE 20)
- Caterpillar TO-2 (all grades) and hydraulic oil

CUSTOMER BENEFITS

Technical performance

- Good detergency and dispersancy.
- Good chemical stability and resistance to oxidation.
- Good anti-wear, anti-corrosion, anti-foam and oxidation resistance.

CHARACTERISTICS

TYPICAL PROPERTIES—FLEET OILS

SAE Grade	10W	20W	30W	40W	50W
Specific gravity	0.874	0.877	0.882	0.884	0.884
Viscosity @ 40°C, cSt (ASTM D 445)	39	57	90	135	193
Viscosity @ 100°C, cSt (ASTM D 445)	6.6	8.4	11.2	14.6	18.5
Pour point, °F (°C) (ASTM D 97)	-20 (-29)	-10 (-25)	-0 (-18)	10 (-11)	10 (-11)
Flash point °F (°C) (ASTM D 92)	395 (202)	420 (216)	430 (221)	450 (232)	460 (238)
TBN (ASTM D 2896)	7.3	7.3	7.3	7.3	7.3
Sulfated Ash, wt% (ASTM D 874)	0.85	0.85	0.85	0.85	0.85

TOTAL Lubricants USA Southwest

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