

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION SAE

DESCRIPTION

Monograde mineral oil specially designed for diesel engines of commercial vehicles (trucks, PW and agriculture) and gasoline engines that require an oil of this viscosity and quality.

PRODUCT APPLICATIONS

- Intended for Public Works fleets and machinery that require frequent oil changes due to their high level of environmental pollution.
- Suitable for normal aspirated diesel engines, tractors, quarry machinery and stationary motors.
- For direct injection diesel engines

PRODUCT PERFORMANCE

- Optimised product in terms of quality/cost ratio for high-mileage fleets.
- Effective control of deposits and wear with high sulphur diesel oils ($\geq 0.5\%$).
- High detergent-dispersing strength. Keeps engine parts clean.
- Excellent oxidation stability.
- High corrosion protection.
- High foam formation resistance.

SPECIFICATIONS

- API CF/SF
- CCMC D2
- CATERPILLAR TO-2
- ALLISON C3

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION SAE			
			30	40	50	60
SAE Grade	-	-				
Density at 15°C	g/ml	ASTM D 4052	0.895	0.898	0.904	0,906
Viscosity at 100°C	cSt	ASTM D 445	11.87	14.51	19.38	22,7
Viscosity at 40° C	cSt	ASTM D 445	108.3	148	227	290
Viscosity index	-	ASTM D 2270	98	97	97	96
Freezing point	°C	ASTM D 5949	-18	-15	-12	-18
Flash point, V/A	°C	ASTM D 92	>230	>250	>250	>250
Base number, TBN	mg KOH/g	ASTM D 2896	8.2	8.2	8.2	8,5
Sulphated ash	% (m/m)	ASTM D 874	0.8	0.8	0.8	0,85

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.