



DIESEL ENGINE OILS



FLEETMASTER MONOGRADES CF 10W, SAE 30, 40 & 50

PRODUCT DESCRIPTION

Hi-Tec Fleetmaster Monograde oils are available in **SAE 10W, 30, 40, & 50** grades. They are high performance diesel engine oils suitable for either turbo-charged or normally aspirated applications.

Hi-Tec Fleetmaster Monograde oils are uniquely formulated to promote the highest of standards of engine cleanliness in modern diesel engines requiring a monograde oil.

The SAE 40 is specifically required for Detroit Diesel 2 Stroke engines and can also be used in commercial mixed fleets as well as mining and construction equipment.

BENEFITS

- Bore polishing minimal
- Detergent/Dispersants keeping engine clean
- Antiwear characteristics
- Rust and Corrosion protection
- Engine Cleanliness
- Reduced ring sticking at high temperatures

SPECIFICATIONS

API: CF-2, CF, SG, SF
ACEA: E2 (2004)
Mercedes Benz: MB 227.0, 228.0 blanket
MAN: MAN 270

Suitable for use in Detroit Diesels

Always consult your vehicle owner's manual for the manufacturer's recommendations.



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TYPICAL PROPERTIES

Property	ASTM Method	Typical Results			
SAE		10W	30	40	50
Item Code (HI2-)		2239	2240	2241	2245
Density Kg/Lt @ 15°C	ASTM D-1298	0.876	0.894	0.899	0.903
Viscosity cSt @ 100°C	ASTM D-445	6.23	11.7	15.3	19.3
Viscosity cSt @ 40°C	ASTM D-445	37.8	97.3	145	212
Viscosity Index	ASTM D-2270	106	102	100	100
Flash Point COC°C	ASTM D-92	225	237	243	259
Pour Point °C	ASTM D-97	-27	-21	-21	-21
Sulphated Ash % w/w	ASTM D-874	0.97	0.97	0.97	0.97*
TBN mg KOH/g	ASTM D-2896	7.1	7.1	7.1	7.1

*Max 0.5 Detroit Diesel MTU 2012