

Heavy Duty Engine Oils

DESCRIPTION:

MileMaster Heavy Duty Engine Oils are high quality, heavy-duty crankcase oils. Manufactured with top quality additive systems, these oils provide good performance in both diesel and gasoline service. Designed to effectively combat sludge and varnish formation.

QUALITIES:

- Good detergent control of piston ring deposits.
- Good fuel soot dispersancy and oxidation resistance.
- Excellent wear protection.
- Excellent high-temperature/high shear rate.
- Good TBN retention.
- Good shear stability.

APPLICATIONS:

Caterpillar TO-2	Allison C-4 (10W)
Cummins CES 20071	Mack EO-M, EO-L +, and EO-L
Detroit Diesel 2- and 4-cycle	Navistar International
Ford M2C153-E; M2C171-B	Volvo VDS
GMC 6085M	Mil-L-2104C, D

TYPICAL PROPERTIES:

	15W-40	10W
Gravity, ASTM D 4052, °API	29.1	29.8
Pounds Per Gallon	7.35	7.3
Flash Point, ASTM D 92, °C	215	211
Viscosity, ASTM D 445, cSt at 40°C	112	45.4
cSt at 100°C	14.8	6.9
CCS Viscosity, ASTM D 5293, cP at -20°C	5900	–
cP at -25°C	–	6300
Viscosity Index, ASTM D 2270	137	122
Pour Point, ASTM D 97, °C	-27	-32
Color, ASTM D 1500	3.0	3.0
API Service Categories (recommended)	CI-4, SJ	CD/CF

Some performance capabilities are applicable to specific viscosity grades.