



PINK MOOSE
LUBRICANTS

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Technical Data Sheet

Pink Moose Fleet Motor Oil

Pink Moose Fleet Motor Oil is formulated with premium base oils and additive systems to provide superior wear and deposit protection during cold engine start-up through maximum operating temperatures. Ultimate protection is delivered in all climates and driving conditions, from stop-and-go city driving to long-distance hauling.

Pink Moose Fleet Motor Oil is an AP/ CK-4 heavy-duty motor oil that meets and exceeds the service requirements of virtually all diesel engine manufacturers and provides outstanding engine protection for 2007 and 2010 exhaust particulate emissions equipped on-highway diesel engines using Ultra Low Sulfur Diesel (ULSD). It is also recommended for older and off-highway diesel engines.

FEATURES AND BENEFITS

- Meets and exceeds requirements of high performance low emission diesel engines while providing excellent performance in older engines allowing operators the use of one oil for a mix of engine brands
- Diesel Particulate Filter (DPF) and After Treatment Exhaust (ATD) compatible
- Improved wear protection, deposit and viscosity control and oxidation resistance
- Viscosity index improver provides exceptional low temperature flow properties for cold starts
- Provides superior soot control and an exclusive detergent system for outstanding engine cleanliness, helps avoid filter plugging, cylinder head sludge, abrasive polishing wear and oil gelling
- Excellent protection against valve train, piston ring and liner wear to help prolong engine life
- Outstanding shear stability for viscosity control
- Maximizes vehicle utilization and minimizes downtime

APPLICATIONS

- Pink Moose Fleet is a motor oil recommended for use in four-stroke engines calling for an AP/ CK-4 service category and SAE 15W-40 viscosity grade.
- Engines recommending AP/ CK-4, CJ-4, CI-4 Plus, CI-4,
- Recommended for use in naturally aspirated and turbocharged four-stroke diesel engines
- 2007 and 2010 emission compliant engines utilizing EGR & SCR with DPF
- Older engines in on-highway and off-highway service
- Exceptional performance with on- and off-highway diesel fuels

RECOMMENDED PERFORMANCE SPECIFICATIONS

- AP/ Service Categories: CK-4, CJ-4, C/-4 Plus, C/-4
- ACEA E7/E9
- Caterpillar ECF-3, ECF-2, ECF-1
- Cummins CES 20086, CES 20081
- Daimler MB 228.31
- DOC 93K222, 93K218
- Ford WSS-M2C171-F1, WSS-M2C171-F1
- JASODH-2
- Mack EOS-4.5, EO-O, EO-O; Premium Plus 07
- MAN 3575
- Renault RLD-4, RLD-3
- Volvo VDS-4.5, VOS 4

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Typical Physical Properties



Property	Test Method ASTM-D	15W-40	10W-30
API Gravity	1298	31.1	31.1
Flash Point, COC °C/°F	92	235/455	237/458.6
Pour Point, °C/°F	97	-33/-27.4	-36/-32.8
Low Temp Viscosity cP @-20	5293	5500	6200
Viscosity @ 40°C, cSt	445	117	81
Viscosity @ 100°C, cSt	445	15.1	12.1
Viscosity Index	2270	145	145
Sulfated Ash wt%	874	1.0 max	1.0 max
TBN	2896	10.0	10.0

Minor variations in typical physical properties may occur from normal manufacturing processes.