

AMSOIL Diesel Fuel Additives

Cetane Boost improves combustion efficiency & power. Raises cetane up to seven numbers.

Cold Flow Improver helps prevent icing or gelling in fuel by reducing the cold filter-plugging point as much as 34°F.

Diesel Concentrate is a total fuel system cleaner with lubricity improver that increases fuel economy up to 5 percent.

Diesel Concentrate Plus Cold Flow Improver helps prevent icing or gelling in fuel while increasing fuel efficiency in one convenient package.

Diesel Recovery quickly liquefies untreated fuel that has gelled, reducing the need for a new filter.



The First in Synthetics®

Jeff Fisher

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AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

Over-the-Road Trucks



SYNTHETIC
DIESEL OILS

FILTRATION
PRODUCTS

ACCESSORY
PRODUCTS



The First in Synthetics®

AMSOIL Synthetic Diesel Oils

AMSOIL introduced the world's first synthetic motor oil for diesel engines in 1975 and dramatically redefined the performance and protection available to diesel owners. Today, AMSOIL is the recognized leader in synthetic lubricant technology and offers a variety of exclusive synthetic diesel oil formulations, each tailored to meet the unique demands of hard-working diesel engines. Motorists worldwide choose AMSOIL synthetic diesel oils for the extraordinary benefits they provide.

Protection and Performance

AMSOIL synthetic diesel oils are formulated with exceptional friction and wear reduction properties to help hard-working diesel engines perform better and last longer. They withstand high-temperature breakdown to help prevent harmful deposits from forming, yet remain fluid in sub-zero temperatures for easier cold starts and faster circulation compared to conventional oils.



AMSOIL Premium Synthetic Diesel Oil is the premium choice for model-year 2007 and newer diesel engines requiring API CJ-4 oils. Available in 5W-40 and 15W-40.

AMSOIL 15W-40 Synthetic Diesel and Marine Oil is engineered with a high 12 Total Base Number to provide exceptional performance and protection throughout extended drain intervals.

AMSOIL Series 3000 5W-30 Synthetic Heavy Duty Diesel Oil is engineered for all on- and off-road diesel applications not equipped with diesel particulate filters (DPFs).

AMSOIL 10W-30/SAE 30 Synthetic Heavy Duty Diesel Oil exceeds both 10W-30 and SAE 30 viscosity requirements for outstanding performance in both modern and older diesel engines.

AMSOIL OE 15W-40 Synthetic Diesel Oil provides excellent performance and protection for the duration of OEM-recommended drain intervals. API CJ-4 certified.

Maximum Fuel Economy

AMSOIL synthetic diesel oils' advanced lubricity (slipperiness) results not only in enhanced performance and protection, but maximum fuel efficiency as well. With less resistance to internal moving parts, engines are able to operate at peak efficiency and deliver optimum fuel economy.

Extended Drain Intervals

AMSOIL coined the phrase "extended drain interval" nearly 40 years ago. Advanced chemistries allow extended-drain AMSOIL synthetic diesel oils to remain effective up to three times longer than original equipment manufacturer (OEM) recommendations. Motorists benefit significantly through reduced oil costs and increased convenience due to fewer oil changes and less used oil disposal.

AMSOIL Drivetrain Fluids

Synthetic Transmissions Fluids

AMSOIL synthetic transmission fluids inhibit wear (see results below) and can increase equipment life. By resisting oxidation, varnish formation and sludge build-up, they provide superior cooling and lubrication. Their synthetic chemistries maximize fuel efficiency and provide up to 500,000-mile drain intervals in OTR trucks with manual transmissions.



Synthetic Gear Lubes

AMSOIL synthetic gear lubes are formulated to protect heavily loaded gears better than conventional lubes. They reduce friction and drag to promote increased fuel efficiency. AMSOIL 75W-90 Long Life Synthetic Gear Lube provides outstanding protection throughout drain intervals of up to 500,000 miles in OTR trucks (see results below).



AMSOIL Synthetic Greases

AMSOIL synthetic polymeric greases resist pound-out and washout better than conventional greases. They seal out contaminants and provide superior lubrication throughout extended service intervals.



AMSOIL Heavy-Duty Filtration

Maximum Protection & Service Life

Ea® Heavy-Duty Extended-Life Oil Filters feature full-synthetic media with an average filtering efficiency of 98.7 percent at 20 microns. They trap a larger percentage of small, wear-causing particles than less-efficient cellulose filters for maximum engine protection. They provide extended service intervals that coincide with the maximum drain intervals of AMSOIL synthetic motor oils and cost less than competitive extended-service oil filters.



By-Pass Filtration

AMSOIL By-Pass Oil Filters help reduce engine wear by providing a filtering efficiency of 98.7 percent at two microns, nearly eliminating wear-causing particles. Paired with oil analysis, AMSOIL by-pass filtration systems can extend drain intervals, increasing convenience and reducing costs.



AMSOIL also carries Donaldson® air and oil filters to complement the AMSOIL Ea filter line.

Excellent Wear Control



AMSOIL SAE 50 Long-Life Synthetic Transmission Oil limited wear to the mainshaft input drive gear to trace-light levels despite 512,000 miles of real-world, severe-service duty. The gear earned a high wear rating of 8 out of 10 and demonstrated no scoring or pitting. See the Foster Transmission Field Study Brochure (G2961) for complete results.



AMSOIL 75W-90 Long Life Synthetic Gear Lube prevented pitting and scoring to the front differential ring gear, which encounters extreme pressure and sliding contact, inviting accelerated wear. The gear earned a nearly perfect wear rating of 9 out of 10, indicating only trace levels. See the Foster Differential Field Study Brochure (G2975) for complete results.

How does the AMSOIL OTR Trucking Package Save Money?

Increased Fuel Economy

The SAE J1321 In-Service Fuel Economy Test Procedure proves that the AMSOIL over-the-road trucking package increases fuel economy in diesel trucking applications. Premium 5W-40 Synthetic Diesel Oil, SAE 50 Long-Life Synthetic Transmission Oil and 75W-90 Long Life Synthetic Gear Lube were installed in a Kenworth® T800B truck pulling a 53' trailer. Several test runs completed simultaneously with a nearly identical truck and trailer using conventional lubricants indicate the vehicle using AMSOIL realized a 6.54 percent increase in fuel economy. See the Diesel Fleet Fuel Economy Study (G2904) for complete details. The AMSOIL over-the-road trucking package provides substantial savings.

120,000^{annual miles}
@ **6 MPG**

20,000^{gallons required}
x **\$4.14 /gal.**

\$82,800^{annual fuel cost}



+6.54%
Increase in Fuel Economy

120,000^{annual miles}
@ **6.39 MPG**

18,779^{gallons required}
x **\$4.14 /gal.**

\$77,745^{annual fuel cost}

\$5,055 ANNUAL SAVINGS ON FUEL PER TRUCK*

Reduced Oil Costs

AMSOIL synthetic diesel oils neutralize acids, resist heat and control soot longer than conventional oils. Their premium synthetic chemistries allow owners and operators to safely extend drain intervals up to three times longer than OEM recommendations, reducing downtime and cutting oil costs.

\$15.61
Conventional Diesel Oil
x 10^{gallons}
x 12^{annual oil changes}
\$1,873.20^{oil cost /year}

\$26.95^{wholesale case pricing}
AMSOIL Synthetic Premium Diesel Oil
x 10^{gallons}
x 4^{annual oil changes}
\$1,158.00^{oil cost /year}

Based on 120,000 annual miles and 10,000-mile OEM-recommended oil change intervals.

\$715.20 ANNUAL OIL CHANGE SAVINGS PER TRUCK*

When combining fuel savings and oil change savings, AMSOIL provides fleets a significant overall annual cost reduction.

ONE TRUCK
\$5,770.20
ANNUAL SAVINGS

10 TRUCKS
\$55,702
ANNUAL SAVINGS

50 TRUCKS
\$288,510
ANNUAL SAVINGS

100 TRUCKS
\$577,020
ANNUAL SAVINGS

Calculations do not include filter, labor or used oil disposal costs. Less labor hours spent changing oil and less used oil disposal make AMSOIL even more cost-effective. * Examples only. Based on April 2012 figures and average U.S. on-highway diesel fuel price. Prices subject to change.