BUY ONLINE | FREE CATALOG | SAVE UP TO 25%

DATA BULLETIN

The First in Synthetics®

AMSOIL Antifreeze & Coolant

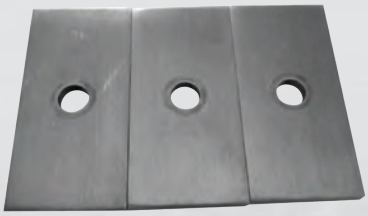
Ethylene Glycol 50/50 Pre-Mix Formulations



AMSOIL Passenger Car/Light Truck Antifreeze & Coolant and Heavy-Duty Antifreeze & Coolant provide superior heat transfer and excellent protection against corrosion, cylinder-liner cavitation, freezing and boil-over. They provide maximum protection in extreme temperatures and operating conditions, and they provide superior protection for aluminum, steel, cast iron, copper, brass and solder alloys.

Help Prevent Metallic Corrosion and Erosion

Independent tests reveal AMSOIL Antifreeze/Coolants greatly surpass standards for metallic corrosion and erosion, achieving nearly perfect scores in ASTM corrosion and erosion testing on cast aluminum cylinder heads, steel, copper, solder, brass and cast iron and aluminum water pumps.



Following ASTM D2570 corrosion testing, cast iron plates show no signs of corrosion.



Anti-Scale

AMSOIL Antifreeze/Coolants are poly-organic acid formulations that do not contain inorganic salts (phosphate, nitrate, nitrite, silicate, borate, amine) found in conventional and hybrid organic acid (HOAT) antifreeze/coolants. These materials are responsible for almost all scaling issues in cooling systems, and they can also precipitate to form scale if the antifreeze/coolant inhibitor system is at the wrong pH or mixed with incompatible products. AMSOIL Antifreeze/Coolants virtually eliminate scaling problems.

Cavitation/Pitting Protection

AMSOIL Heavy-Duty Antifreeze & Coolant effectively protects cylinder liners against cavitation erosion/corrosion pitting, without the problems associated with nitrite and nitrite/molybdate technology. Nitrites can cause aluminum corrosion, and they are being banned from coolants used by a growing number of manufacturers in both the heavy-duty and automotive markets. AMSOIL Heavy-Duty Antifreeze & Coolant is a top-performing technology that performs extremely well in ASTM D7583 (John Deere Cavitation Test) testing.

Long-Life Formulations

AMSOIL Antifreeze/Coolants do not contain inorganic salts that deplete over time and turn into scale deposits. Their unique blend of organic acids provide durable and long-lasting protection of cooling system components. Passenger Car/Light Truck Antifreeze & Coolant can be used for 150,000 miles or five years, whichever comes first, in passenger cars and light trucks. Heavy-Duty Antifreeze & Coolant can be used for 600,000 miles, 12,000 hours of operation or six years, whichever comes first, in heavy-duty and off-road applications.

Compatible With Other Fluids

AMSOIL Antifreeze/Coolants are compatible with all ethylene and propylene antifreeze and coolant colors, as well as all plastics and elastomers (hoses, gaskets, etc.) found in cooling systems. However, mixing propylene and ethylene glycol formulations can make it difficult to predict freeze protection. If mixing for top-off is unavoidable, it is recommended to flush the cooling system at the next convenient opportunity.

Order by Phone 1-800-956-5695 - Give Operator Reference #5983322

AMSOIL HEAVY-DUTY ANTIFREEZE & COOLANT (ANTHD)

- Pre-mixed 50/50 with high-purity water.
- Fully formulated: DOES NOT require the use of supplemental coolant additives (SCAs) or extenders.
- All-organic formulation is further enhanced with anti-scalant, anti-fouling and water-pump lubrication additives.
- Phosphate-, nitrate-, nitrite-, silicate-, borate and amine-free.
- Boil-over protection up to 265°F with a 15 psi radiator cap.
- Freeze protection down to -34°F.

APPLICATIONS

AMSOIL Heavy-Duty Antifreeze & Coolant is recommended for applications requiring any of the following specifications:

ASTM D4985, D6210 • Case IH • Caterpillar EC-1 • Chrysler MS7170 • Cummins CES14603 • Detroit Diesel 7SE298, 93K217 • Fiat Professional; Fiat Truck • Ford WSS-M97B51-A1 • Freightliner 48-22880 • John Deere 8650-5 • Mack Truck CNH • MTU MTL5048, 5049 • New Holland • PACCAR: Kenworth, Peterbilt • TMC of ATA RP329, 330, 338 • US Military CID A-A-52624A

SERVICE LIFE

Protection up to 600,000 miles, 12,000 hours or 6 years, whichever comes first.

Heavy-Duty Antifreeze & Coolant is the best option for mixed fleets of both passenger-vehicle and heavy-duty applications that want to use one antifreeze/coolant. Heavy-Duty Antifreeze & Coolant can be used in non-heavy-duty applications, but with a drain interval of 150,000 miles or five years, whichever comes first.

Directions for Use

- Do not add water.
- Do not remove radiator cap when engine is hot.
- Antifreeze/coolant (new or used) is hazardous. Clean up and dispose of properly following local regulations.
- Check and maintain coolant level at every oil-change interval.
- Check owner's manual for additional maintenance and top-off guidelines.

AMSOIL PASSENGER CAR/LIGHT TRUCK ANTIFREEZE & COOLANT (ANTPC)

- Engineered to exceed original equipment manufacturer (OEM) requirements.
- Pre-mixed 50/50 with high-purity water.
- Unique poly-organic acid formulation imparts multi-vehicle application.
- Phosphate-, nitrate-, nitrite-, silicate-, borate- and amine-free.
- Boil-over protection up to 265°F with a 15 psi radiator cap.
- Freeze protection down to -34°F.

APPLICATIONS

AMSOIL Passenger Car/Light Truck Antifreeze & Coolant is formulated for use in ALL domestic and import passenger cars and light trucks.

SERVICE LIFE

Protection up to 150,000 miles or 5 years, whichever comes first, in passenger cars and light trucks.

Directions for Use

- Do not add water.
- Do not remove radiator cap when engine is hot.
- Antifreeze/coolant (new or used) is hazardous. Clean up and dispose of properly following local regulations.
- Check owner's manual for maintenance and top-off guidelines.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children**. Recycle used antifreeze/coolant and bottle.

AMSOIL The First in Synthetics®

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

AMSOIL INC., 925 Tower Ave., Superior, WI 54880 • 715-392-7101 • Printed in the USA
© 2015, AMSOIL I
G3347 8/15
Order by Phone 1-800-956-5695 - Give Operator Reference #5983322