

Product Data Sheet



Triden Gold Universal HD Antifreeze

This prediluted, 50/50 antifreeze/coolant is a universal/global, hybrid organic acid technology (HOAT), extended service, non-phosphate product suitable for automotive/light-duty and heavy-duty diesel applications. Since this is a HOAT extended life antifreeze/coolant, it is compatible with most types of extended life and conventional technology antifreeze/coolants. This coolant is precharged, meaning that it contains a minimum of 1200 ppm nitrites. Its additives effectively control wet sleeve cylinder liner pitting/corrosion in heavy-duty diesel engines. In addition the coolant contains an advanced additive inhibitor system formulated to be phosphate-free, and it does not contain 2-Ethylhexanoic Acid (2EH). Its full range of inhibitors protects all cooling system metals and year-round protection against freeze-ups, boil-overs and corrosion under extreme conditions. It includes ingredients to prevent fouling and control hot surface scaling and will not damage auto finishes or rubber parts. In automobiles, light trucks, SUV's, vans and other light duty applications, this product will provide a service life in excess of 5 years or 150,000 miles. In heavy-duty diesel applications (in which a formal monitoring and maintenance program is in place) it can provide a service life of 300,000 miles with the addition of a heavy-duty supplemental coolant additive at required maintenance intervals.

INDUSTRY STANDARDS

This heavy-duty antifreeze/coolant is compatible with the following industries:

- Automotive/Light Duty Gasoline Engines
- Heavy Duty Diesel
- This product is Fully Formulated / Pre-Charged with Nitrites
- Phosphate Free & Does Not Contain 2EH Acid
- ❖ Antifreeze also meets the non-phosphate requirements of American, European, and Asian OEM's

PHYSICAL PROPERTIES		
Antifreeze Glycols	mass %	49.0 min.
Corrosion Inhibitors	mass %	1.4 BV
Water	mass %	50.0 max.
Flash Point	°F	None
Weight per gallon at 60o F-16o C	Approx. lbs/gal	8.9
pH	Approx. premix	10.0—10.8

% Antifreeze	Freezing Point		Boiling Point	
	°F	°C	°F	°C
40%	-9 max	-22 max	240 min.	104 min.
50%	-34 max	-36 max	226 min.	107 min.
70%	-84 max	-64 max	240 min.	115 min.

*Boiling point shown using conventional 15 psi radiator cap.

Used antifreeze coolant in most states is not hazardous unless it contains more than 5 ppm of lead. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead, contact Lee Helms, Inc. about antifreeze recycling options.