

Champion® Universal Antifreeze/Coolant

Information Sheet

Champion® Universal Antifreeze/Coolant is recommended, compatible, and formulated for use with ANY antifreeze/coolant in ANY vehicle with aluminum and other engine metals. This formula has a concentrated blend of premium long-lasting inhibitors to guard against temperature extremes and ravages of rust, corrosion, and premature water pump failure.

Champion® Universal Antifreeze/ Coolant provides extended life protection for cars and light-duty trucks up to 5 years or 150,000 miles* when added to any extended life coolant or when flushed and filled according to these directions.

*- Compatible with other extended life and conventional coolants (heavy-duty coolant users must continue to add Extender or supplemental coolant additive "SCA" based on treat rates recommended by engine manufacturer. Dilution with conventional coolants will reduce extended life benefits).

- Always consult owner's manual to determine the specific maintenance, change over intervals, and Extender/SCA treat rate (heavy-duty application only) for your vehicle.

Product Specifications

When used as directed, Champion® Universal Antifreeze/Coolant:

- Meets ASTM D 3306, D4985
- May be added to the antifreeze/coolant of ANY make and model of automobile and light duty truck on the road, foreign or domestic
- May be added to ANY color antifreeze/coolant
- Protects aluminum and ANY other engine metals

Product Stock # : 4119F
 UPC Code: 04368541195

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Properties	Typical Values	ASTM Test Method
Specific Gravity 60/60°F	1.115-1.124	D-1122
Boiling Point, Reflux	325°F Min.*	D-1120
Foam Test	50 ml./3 sec. Max.	D-1881
pH, 50% Volume Solution	7.5 Min-10.0 Max.	D-1287
Flash Point, COC	250°F, Min.	D- 92
Total Water, Wt. %	5% Max.	D-1123
Total Glycols, Wt. %	95% Min.	D- 202
Color	Tinted Yellow	

*With a 15 psi pressure cap

FREEZE/BOIL PROTECTION CHART	% of Cooling System Capacity	PROTECTS FROM	
		Freezing Down to	Boiling Up to*
	50	-34°F	265°F
	60	-62°F	270°F
*Using a 15 PSI Pressure Cap	70	-84°F	276°F

*At sea level atmospheric pressure with 15lb. pressure cap The boiling point decreases about 2°F per 1,000 feet of altitude and increases about 2.5°F per pound developed in the system.

