

# SERVICE PRO®

## SERVICE PRO® ANTIFREEZE & SUMMER COOLANT

**DESCRIPTION:** SERVICE PRO® Premium Antifreeze & Coolant protects all common cooling system metals including solder, copper, brass, steel, cast iron and aluminum. This low-silicate formula provides excellent heat rejecting aluminum protection for all passenger car and light duty truck cooling systems.

SERVICE PRO® Premium Antifreeze & Coolant also provides outstanding protection for heavy duty applications when combined with supplemental coolant additives (SCA).

**PRODUCT SPECIFICATIONS:** SERVICE PRO® Premium Antifreeze & Coolant meets or exceeds the performance requirements of the following specifications:

- ASTM Standard D-3306
- ASTM D-4340
- SAE J 1941
- GM 1899M
- Cummins 90T8-4
- TMC RP 302B
- Mack Truck
- Ford ESE-M97B44-A
- ASTM D-4985
- SAE J 1034
- GM 1825M
- GSA CID A-A-870A
- Chrysler MS 7170

Material	CAS#	% by Wt
Ethylene Glycol	107-21-1	90 - 95
Diethylene Glycol	111-46-6	0 - 5
Dipotassium Phosphate	7758-11-4	1 - 2
Properties	ASTM Test Method	Typical Values
Color		Green
Odor		Characteristic
Ash Content	ASTM D 1119	2.5% max.
pH	ASTM D 1287	
	50% by Volume Solution	10.0 min. -11.0 max.
Reserve Alkalinity	ASTM D 1121	11.0 mL min.
Specific Gravity at 60/60°F	ASTM D 1122	1.120 - 1.130
Freezing Point	ASTM D 1177	
	40%	-10.0°F (-23.0°C)
	50%	-34.0°F (-37.0°C)
	60%	-62.0°F (-52.0°C)
Boiling Point*	ASTM D 1120	
	40%	259°F (126°C)
	50%	265°F (129°C)
	60%	270°F (132°C)
Flash Point, COC	ASTM D-92	250°F., min.
Foam Test	ASTM D 1881	50 mL /3 sec. max.
Average Net Weight/Gallon at 68° (20)		9.4 lbs.

\*With a 15 Lb. pressure cap



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# SERVICE PRO®

## SERVICE PRO® 50/50 PREDILUTED PREMIUM ANTIFREEZE & COOLANT

**DESCRIPTION:** SERVICE PRO® 50/50 Prediluted Premium Antifreeze & Coolant is premixed with deionized and demineralized water that meets or exceeds the performance requirements of Type IV water of: ASTM D 1193.

SERVICE PRO® 50/50 Prediluted Premium Antifreeze & Coolant protects all common cooling system metals including solder, copper, brass, steel, cast iron and aluminum. This low-silicate formula provides excellent heat rejecting aluminum protection for all passenger car and light duty truck cooling systems.

SERVICE PRO® 50/50 Prediluted Premium Antifreeze & Coolant also provides outstanding protection for heavy duty applications when combined with supplemental coolant additives (SCA).

**PRODUCT SPECIFICATIONS:** SERVICE PRO® 50/50 Prediluted Premium Antifreeze & Coolant meets or exceeds the performance requirements of the following specifications:

- ASTM D-3306
- SAE J 1941
- GM-1899M
- TMC RP-302 B
- Chrysler MS 7170
- SAE J 1034
- GM-1825
- ASTM D-4340
- ASTM D-4656
- Ford ESE-M97B44-A
- Cummins 90T8-4
- Mack Truck
- GSA CID A-A-870A

Material	CAS#	% by Wt
Water	7732-18-5	49 - 50
Ethylene Glycol	107-21-1	45 - 48
Diethylene Glycol	111-46-6	0 - 2
Dipotassium Phosphate	7758-11-4	< 2

  

Properties	ASTM Test Method	Typical Values
Color		Green
Odor		Characteristic
Ash Content	ASTM D 1119	2.5% max.
pH	ASTM D 1287	10.0 - 11.0
Reserve Alkalinity	ASTM D 1121	5.0mL - 7.00 mL
Specific Gravity at 60/60°F	ASTM D 1122	1.070 - 1.080
Freezing Point	ASTM D 1177	-34.0°F (-37.0°C)
Boiling Point*	ASTM D 1120	265°F (129°C)
Flash Point, COC	ASTM D 92	220°F., min.
Foam Test	ASTM D 1881	50 mL /3 sec. max.
Chloride Content, ppm	ASTM D 3634	25 max.

\* With a 15 Lb. pressure cap



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