

SERVICE PRO[®]

Premium Lubricants

SERVICE PRO[®] ALL MAKES • ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT

DESCRIPTION: Service Pro[®] All Makes • All Models Universal Formula Antifreeze/Coolant is recommended, compatible, and formulated for use with ANY antifreeze/coolant in ANY make or model of car or light duty truck with aluminum and other engine metals. This formula has a concentrated blend of premium long-lasting inhibitors to offer extended life protection for up to 5 years or 150,000 miles* against temperature extremes and the ravages of rust, corrosion, and premature water pump failure. When used as directed, Service Pro[®] All Makes • All Models Universal Formula Antifreeze/Coolant may be added to the antifreeze/coolant of ANY make or model of car or light duty truck on the road, foreign or domestic.

*Provides extended life protection when added to any extended life antifreeze/coolant or with complete flush and fill.

**Product
Specifications:**

When used as directed, Service Pro[®] All Makes • All Models Universal Formula Antifreeze/Coolant:

- Meets ASTM D3306, D4985
- May be added to the antifreeze/ coolant of ANY make or model of automobile and light duty truck on the road, foreign or domestic
- Prevents freeze-ups, overheating, and boilovers
- May be added to ANY color antifreeze/coolant
- Protects aluminum and other engine metals
- Provides a silicate and phosphate free formulation for long lasting inhibition and corrosion protection

Composition by Weight		Typical Values
Ethylene Glycol		93.8%
Soluble Inhibitors (Anhydrous)		4.2%
Total Water		2.0%
Dyes		Trace
Properties		
Color		Light Amber
Odor		Characteristic
Ash Content	ASTM D 1119	1.20% by weight
pH	ASTM D 1287	
33% by Volume Solution		8.6
50% by Volume Solution		8.7
Reserve Alkalinity	ASTM D 1121	11.0
Specific Gravity at 20/20°C	ASTM D 1122	
33% by Volume Solution		1.0468
50% by Volume Solution		1.0687
Freezing Point	ASTM D 1177	
50% by Volume Solution		-34.0°F (-37.0°C)
Boiling Point†	ASTM D 1120	
50% by Volume Solution		226°F (108°C)
Flash Point (Tag Open Cup)		
70% by Volume Solution		None
Foam Test	ASTM D 1881	15 ml max, .1 second max break time
Average Net Weight/Gallon at 68°F (20°C)		9.3 lbs.
† Under standard pressure		



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SERVICE PRO[®]

Premium Lubricants

SERVICE PRO[®] ALL MAKES • ALL MODELS UNIVERSAL FORMULA 50/50 ANTIFREEZE/COOLANT

- DESCRIPTION:** Service Pro[®] All Makes • All Models 50/50 Universal Formula Pre-diluted Antifreeze/Coolant is recommended, compatible, and formulated for use with ANY antifreeze/coolant in ANY make or model of car or light duty truck with aluminum and other engine metals. This formula has a concentrated blend of premium long-lasting inhibitors to offer extended life protection for up to 5 years or 150,000 miles* against temperature extremes and the ravages of rust, corrosion, and premature water pump failure when added to any extended life coolant. Service Pro[®] All Makes • All Models 50/50 Universal Formula Pre-diluted Antifreeze/Coolant is blended with 50% antifreeze concentrate and 50% demineralized water. When used as directed, Service Pro[®] All Makes • All Models 50/50 Universal Formula Pre-diluted Antifreeze/Coolant:
- May be added to the antifreeze/coolant of ANY make or model automobile or light duty truck on the road, foreign or domestic.
 - May be added to any color antifreeze/coolant (color may change but performance will not be affected).
 - Protects aluminum and all the other engine metals.

* Will provide extended mileage or up to 5 years protection with complete flush and fill.

When used as directed, Service Pro[®] 50/50 All Makes • All Models Universal Formula Pre-diluted Antifreeze/Coolant:

- Product Specifications:**
- Meets ASTM D3306, D4985
 - May be added to the antifreeze/coolant of ANY make or model of automobile and light duty truck on the road, foreign or domestic
 - Prevents freeze-ups, overheating, and boilovers
 - May be added to ANY color antifreeze/coolant
 - Protects aluminum and other engine metals
 - Premixed with deionized, demineralized water that meets or exceeds the recommended requirements of ASTM D3306 and D4985
 - Provides a silicate and phosphate free formulation for long lasting inhibition and corrosion protection

Composition by Weight		Typical Values
Custom Brand Concentrate		51%
Total Water		49%
Dyes		Trace
Properties		
Color		Light Amber
Odor		Characteristic
Ash Content	ASTM D 1119	0.58% by weight
pH	ASTM D 1287	
33% by Volume Solution		8.6
50% by Volume Solution		8.7
Reserve Alkalinity	ASTM D 1121	6.4
Specific Gravity at 20/20°C	ASTM D 1122	
33% by Volume Solution		1.0468
50% by Volume Solution		1.0687
Freezing Point	ASTM D 1177	
50% by Volume Solution		-34.0°F (-37.0°C)
Boiling Point†	ASTM D 1120	
50% by Volume Solution		226°F (108°C)
Flash Point (Tag Open Cup)		
50% by Volume Solution		None
Foam Test	ASTM D 1881	50 ml max, .1 second max break time
Average Net Weight/Gallon at 68°F (20°C)		8.9 lbs.
† Under standard pressure		



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