

# SERVICE PRO<sup>®</sup>

## Premium Products

### SERVICE PRO<sup>®</sup> ALL MAKES • ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT

**DESCRIPTION:** SERVICE PRO<sup>®</sup> 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<sup>®</sup> 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.

When used as directed, SERVICE PRO<sup>®</sup> All Makes • All Models Universal Formula 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
  - Provides a silicate and phosphate free formulation for long lasting inhibition and corrosion protection

#### Composition by Weight

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 sec. max break time
Average Net Weight/Gallon at 68°F (20°C)		9.3 lbs.

† Under standard pressure



Updated 12/10

# SERVICE PRO<sup>®</sup>

## Premium Products

### SERVICE PRO<sup>®</sup> ALL MAKES • ALL MODELS UNIVERSAL FORMULA 50/50 ANTIFREEZE/COOLANT

**DESCRIPTION:** SERVICE PRO<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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**

Custom Brand Concentrate  
Total Water  
Dyes

**Typical Values**

51%  
49%  
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
		8.9 lbs.

Average Net Weight/Gallon at 68°F (20°C)  
† Under standard pressure



Updated 12/10