

SERVICE PRO®

SERVICE PRO® HEAVY DUTY EXTENDED LIFE COOLANT/ANTIFREEZE

DESCRIPTION: SERVICE PRO® Heavy Duty Extended Life Coolant/Antifreeze is intended for use and compatible with ANY heavy duty coolant/antifreeze in ANY diesel powered truck, farm, off-road, marine, or gasoline engine with aluminum and other engine metals. It's technologically advanced formulation and TMC compliant color is based on a concentrated blend of premium long-lasting inhibitors designed to provide up to 300,000 miles or 6,000 hours* of protection against temperature extremes, rust, corrosion, scale, and premature water pump failure.

*Provides extended life protection when added to any ELC heavy duty coolant/antifreeze or when flushed and filled according to the directions in vehicle manufacturer's owner's manual. Is compatible with other ELC and conventional heavy duty coolants (users must continue to add Extender or a supplemental coolant additive "SCA" based on treat rates recommended by the engine manufacturer. Dilution with conventional coolants will dilute extended life benefits). One time use of ELC Extender at 300,000 miles or 6,000 hours is required. Always consult owner's manual to determine specific maintenance, change over intervals, and Extender/SCA treat rate for your vehicle.

PRODUCT SPECIFICATIONS:

When used as directed, Service Pro® Heavy Duty Extended Life Coolant/Antifreeze:

- Meets or exceeds ASTM D3306, D4985, and D6210
- May be added to the coolant/antifreeze of ANY diesel powered truck, farm, off-road, marine, or gasoline engine with aluminum and other engine metals
- Meets performance requirements of CAT EC-1
- Prevents freeze-ups, overheating, and boilovers
- Protects aluminum and other engine metals while providing a silicate, phosphate, and borate-free formulation for long-lasting inhibition and corrosion protection

Composition by Weight		Typical Values
Ethylene Glycol		92.5%
Soluble Inhibitors (Anhydrous)		5.5%
Total Water		2.0%
Dyes		Trace
Properties		
Color		Red
Odor		Characteristic
Ash Content	ASTM D 1119	1.26% by weight
pH	ASTM D 1287	
50% by Volume Solution		8.7
Reserve Alkalinity	ASTM D 1121	8.0
Specific Gravity at 20/20°C	ASTM D 1122	1.1172
50% by Volume Solution		1.0714
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	30 ml max, 1 second max break time
Average Net Weight/Gallon at 68°F (20°C)		9.3 lbs.



Updated: 2/07

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SERVICE PRO®

SERVICE PRO® HEAVY DUTY EXTENDED LIFE PREDILUTED COOLANT/ANTIFREEZE

DESCRIPTION: SERVICE PRO® Heavy Duty Extended Life Prediluted Coolant/Antifreeze is intended for use and compatible with ANY heavy duty coolant/antifreeze in ANY diesel powered truck, farm, off-road, marine, or gasoline engine with aluminum and other engine metals. It's technologically advanced formulation and TMC compliant color is based on a concentrated blend of premium long-lasting inhibitors designed to provide up to 300,000 miles or 6,000 hours* of protection against temperature extremes, rust, corrosion, scale, and premature water pump failure.

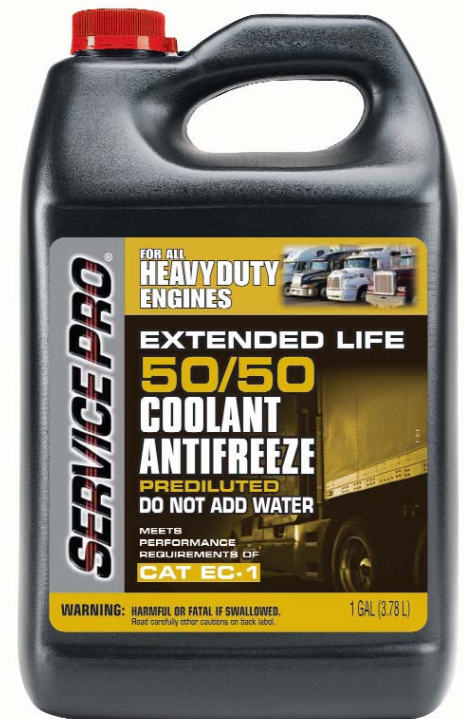
*Provides extended life protection when added to any ELC heavy duty coolant/antifreeze or when flushed and filled according to the directions in vehicle manufacturer's owner's manual. Is compatible with other ELC and conventional heavy duty coolants (users must continue to add Extender or a supplemental coolant additive "SCA" based on treat rates recommended by the engine manufacturer. Dilution with conventional coolants will dilute extended life benefits). One time use of ELC Extender at 300,000 miles or 6,000 hours is required. Always consult owner's manual to determine specific maintenance, change over intervals, and Extender/SCA treat rate for your vehicle.

PRODUCT SPECIFICATIONS:

When used as directed, Service Pro® Heavy Duty Extended Life Prediluted Coolant/Antifreeze:

- Meets or exceeds ASTM D3306, D4985, and D6210
- May be added to the coolant/antifreeze of ANY diesel powered truck, farm, off-road, marine, or gasoline engine with aluminum and other engine metals
- Meets performance requirements of CAT EC-1
- Prevents freeze-ups, overheating, and boilovers
- Protects aluminum and other engine metals while providing a silicate, phosphate, and borate-free formulation for long-lasting inhibition and corrosion protection

Composition by Weight		Typical Values
Ethylene Glycol		51%
Total Water		49%
Dyes		Trace
Properties		
Color		Red
Odor		Characteristic
Ash Content	ASTM D 1119	0.71% by weight
pH	ASTM D 1287	8.7
50% by Volume Solution		3.6
Reserve Alkalinity	ASTM D 1121	
Specific Gravity at 20/20°C	ASTM D 1122	1.0714
50% by Volume Solution		
Freezing Point	ASTM D 1177	-34.0°F (-37.0°C)
50% by Volume Solution		
Boiling Point	ASTM D 1120	226°F (108°C)
50% by Volume Solution		
Flash Point (Tag Open Cup)		None
70% by Volume Solution		30 ml max,
Foam Test	ASTM D 1881	1 second
		max break time
		8.9 lbs.
Average Net Weight/Gallon at 68°F (20°C)		



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