

# Petra Universal Long Life Antifreeze + Coolant Ready to Use

PN4009G (1Gal), PN400955 (55Gal)  
 Technical Data Sheet



## Product Description:

Petra Universal Long Life Antifreeze + Coolant Ready to Use features an extended life technology formulation which is recommended for use in all automobiles and light/medium duty trucks. It is free of amines, phosphate, borate, nitrite, and silicate and can be mixed with any color antifreeze/coolant in any vehicle. Its inhibitors provide maximum protection against damaging rust and corrosion, while preventing freeze-up and boilover at extreme temperatures.

Petra Universal Long Life Antifreeze + Coolant Ready to Use is pre-diluted to 50/50 with deionized water and meets the performance requirements of ASTM D3306, D4985 and with a complete flush and fill, this coolant will provide service life protection of up to 5 years or 150,000 miles\*.

## Features & Benefits:

- Specially formulated for use in all makes and models of cars and light/medium duty trucks using extended life coolant
- Compatible for use in any color antifreeze/coolant
- Protects all cooling system metals from rust and corrosion
- Meets the performance requirements of ASTM D3306, D4985
- Can be used in heavy-duty diesel commercial vehicle engines where low-silicate ethylene glycol based coolant is recommended\*\*



\*Protects all cooling system metals for up to 5 years/150,000 miles when a complete cooling system flush and fill is performed, and proper cooling system maintenance is followed. Always follow owner's manual for top-off requirements, change intervals, and specified maintenance.

\*\* Check OEM requirements - may require the use of supplemental coolant additives (SCA)

Properties	ASTM Method	50/50	ASTM D3306 Limits
Appearance/Color	Visual	Yellow	-
pH, 50 vol %	D1287	8.3	7.5-11.0
Specific gravity	D1122	1.066	1.110-1.145 <sup>1</sup> /1.065min <sup>2</sup>
Boiling point <sup>3</sup> , °F(°C)	D1120	299 (109.5)	226(108)min
Freezing point, °F(°C)	D1177	-37.8 (-38.8)	-34(-36.4)max
Effect on Automotive Finish	D1882	No Effect	No Effect
Total water, mass %	D1123	50	Report <sup>1</sup>
Ash content, mass %	D1119	<2.5	5max <sup>1</sup> /2.5max <sup>2</sup>
Chloride, ppm	D3634	<25	25max

<sup>1</sup>For concentrate product only, <sup>2</sup>Ready to Use only, <sup>3</sup>Unpressurized

Coolant/ Water Ratio	Protects From	
	Freezing Down to	Boiling Up to <sup>†</sup>
50/50	-34°F (-36°C)	265°F (129°C)
60/40	-62°F (-52°C)	270°F (132°C)
70/30	-84°F (-64°C)	276°F (135°C)

<sup>†</sup>Using a 15psi pressure cap



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