



Great Western Glycol
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NT Antifreeze

● **Prediluted, 50/50, Fully Formulated, Standard Life, Conventional Inorganic Acid Technology, Low-Silicate Borate-based Nitrited Antifreeze** ● **Compatible with Most Conventional Antifreeze**

This prediluted, 50/50 antifreeze/ coolant utilizes a single component inorganic acid, standard life, low-silicate, borate-based nitrited additive package suitable for automotive/ light duty and heavy duty diesel applications. This product was formulated to exceed requirements for ASTM D3306, D4985 and D6210/11 and provides maximum protection against rust and corrosion in auto and trucking cooling systems. Its additives effectively control wet sleeve cylinder liner pitting/ corrosion in heavy duty diesel engines. Since this is an inorganic conventional standard life antifreeze/ coolant it is compatible with most standard life coolants in found in older automotive/ light duty and heavy duty diesel vehicles.

Best Use: Older Gasoline & Heavy Duty Diesel Engines

Recommended Service Interval: In automobiles, light trucks, SUV's, vans and other light-duty applications, this product will provide a service life of 2 years. In heavy-duty diesel applications, it can provide a service life of 200,000 miles with the addition of our heavy-duty supplemental coolant additive (Type 2 SCA) with 30,000 mile maintenance intervals.

BENEFITS

- Ethylene Glycol or Propylene Glycol Base
- Ready-to-Use (50/50 Pre-mix w/ DI Water) or Concentrated (Upon Request)
- Borate-based Conventional Formula
- Contains Nitrites
- Low Silicate / Phosphate-free

SPECIFICATIONS

- ASTM D6210 for Heavy-Duty Engines
- ASTM D3306 for Automobiles and Light-Duty Service
- CID A-A-52624A – Antifreeze, Multi-Engine Type
- TMC RP-329 (EG)
- TMC RP-330 (PG)

MEETS REQUIREMENTS

- Case Corp. MS1710
- Caterpillar
- Cummins CES14603
- Detroit Diesel 7SE298
- Ford New Holland 9-86
- Freightliner 48-22880
- John Deere 8650-5
- SAE 1941

% Antifreeze	Freezing Point		Boiling Point*	
	°F	°C	°F	°C
40%	-12 Max	-24 Max	260 Min	126 Min
50%	-34 Max	-36 Max	265 Min	128 Min
60%	-90 Max	-67 Max	270 Min	135 Min

* Boiling point shown using conventional 15 psi radiator cap.

PHYSICAL PROPERTIES		
Antifreeze Glycols	Mass %	51.0 min
Corrosion Inhibitors	Mass %	1.1
Water	Mass %	48.5 max
Flash Point	°F	None
Weight per gallon At 60°F - 16°C	Lbs	8.9 min

Used antifreeze coolant in most states is not hazardous unless it contains more than 5 ppm of lead. Ethylene glycol can be reclaimed indefinitely. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead contact Great Western Glycol at 303-287-4877 for info on how to properly dispose of this coolant and protect our environment.

**Table of Properties and Typical ASTM Test Results of NT - Conventional
Blended with EG as 50% Pre-diluted Coolant**

Characteristic	ASTM Specifications	Company Typicals	ASTM Method
Specific gravity, 60/ 60°F	1.053, Min	1.068 - 1.074	D1122
Freezing point, 50% V/V	-34°F/-37°C, Min	-34°F/-37°C, Min	D1177
Boiling point, 50% V/V	226°F/107°C, Min	226°F/107°C, Min	D1120
Effect on engine or vehicle finish	No effect greater than DI water	No effect	-
Ash content, mass %	5, Max	<2	D1119
pH, 50% V/V	9.5 – 11.0	9.8 – 10.9	D1287
Reserve alkalinity*	None specified	2.8, Min	D1121
Water mass %	None specified	48.5, Max	D1123
Color	Distinctive	Green	-
Foaming	150ml vol., Max 3 sec. break, Max	65ml 1.8 sec.	D1881 D1881
Storage stability	Pass	Pass	-
Glassware Corrosion Test	Pass	Pass	D1384
Aluminum Water Pump Cavitation Test	Pass	Pass	D2809
Aluminum Corrosion Test	Pass	Pass	D4340
Simulated Service Corrosion Test	Pass	Pass	D2570

*Reserve alkalinity (RA) is a term used to indicate the amount of alkaline inhibitors present in an antifreeze formulation. It is incorrect to relate a high RA with a high-quality antifreeze. Present, state-of-the-art antifreeze formulations contain many new inhibitors which give added protection to certain metals but do not raise the RA numbers

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