



## UNIVERSAL EXTENDED LIFE Hybrid Organic Acid Technology (HOAT)

QC COOL YELLOW Universal Extended Life antifreeze can be used in virtually any vehicle. Our universal antifreeze inhibitor chemistry is formulated to exceed requirements for ASTM D6210, D3306 and TMC RP-329 (EG) and provides maximum protection against rust and corrosion in auto and trucking cooling systems. This chemistry is compatible with Valvoline G-05 (Mercedes, Ford, and Chrysler factory fill), Fleetguard ES Complete and other hybrid organic acid technology (HOAT) coolants.

**Best Use:** Virtually Any Vehicle

**Recommended Service Interval:** 60,000 Miles



### BENEFITS:

- ❖ Ethylene Glycol Base
- ❖ Ready-to-Use 50/50 Pre-mix
- ❖ Bulk, mini-bulk, drums, totes or 1 gallon containers
- ❖ Extended Service Formula
- ❖ Nitrated for Heavy-Duty Use
- ❖ Low Silicate / Phosphate-free
- ❖ Product Performance Warranty

### SPECIFICATIONS:

- ❖ ASTM D6210 for Heavy-Duty Engines
- ❖ ASTM D3306 for Automobiles & Light-Duty Service
- ❖ BS 6580 (British Standard)
- ❖ Caterpillar (DEAC)
- ❖ Chrysler MS 7170
- ❖ Cummins

*QC Cool is compatible with several competing brands of antifreeze. Refer to the Compatibility Chart for more information.*

### MEETS REQUIREMENTS:

- ❖ Detroit Diesel
- ❖ Ford WSS-M97B51-A1
- ❖ JIS K 2234
- ❖ John Deere H-5, H24B1, H24C1
- ❖ SAE J1034, J1941
- ❖ TMC RP-329 (EG)
- ❖ TMC RP-330 (PG)



Manufactured at  
221 Dalton Ave  
Charlotte, NC 28206

**For Technical or Ordering Information Call (704) 332-5600**



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**Table of Properties and Typical ASTM Test Results**

TEST/ PROPERTY	ASTM METHOD	EG CONCENTRATE	EG 50/50
Color	Visual	Green	Green
Relative Density, 15.5/ 15.5°C (60/60°F)	D1122	1.1226	1.071
Pounds per gallon, 60°F	-	9.344	8.935
Freezing Point, °C (°F), 50 vol % in DI water	D1177	N/A	-40 (-40)
Boiling Point, °C (°F), 50 vol % in DI water	D1120	N/A	108 (227)
pH, 50 vol % in DI water	D1287	N/A	10.89
Water, wt % (Approx.)	D1123	3.0	48.5
Total Glycol, wt %	E202	95.0 min	51.0 min
Reserve Alkalinity	D1121	6.5	2.8 min
Ash Content, mass %	D1119	0.6	5 max
Foaming Tendencies, ml/ sec	D1881	N/A	65/ 1.8
Glassware Corrosion Test	D1384	Pass	Pass
Aluminum Water Pump Cavitation Test	D2809	Pass	Pass
Aluminum Corrosion Test	D4340	Pass	Pass
Auto Finish Effect	D1882	No effect	No effect
Simulated Service Corrosion Test	D2570	Pass	Pass

Note:

*The proceeding data is based on tests and experience is believed to be reliable and is supplied for informational purposes only.*

*For detailed safety and handling information regarding these products, please refer to respective Safety Data Sheets (SDS).*



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