



Genuine Chemistry
From the Manufacturer of OEM Fluids



GC®

Asian Green Super Extended Life Prediluted Antifreeze/ Coolant

TECHNICAL DATA SHEET

Ver. 22-01

DESCRIPTION and APPLICATIONS

GC® ASIAN GREEN SUPER EXTENDED LIFE PREDILUTED ANTIFREEZE/COOLANT is a Hybrid Organic Acid Technology (HOAT) ethylene glycol-based coolant with an inhibitor package that uses (non 2-EH) organic acid technology with stabilized phosphate inhibitors. It does not contain any nitrites, amines, borate, or silicate. It is specifically designed to be used in any Asian light/medium/heavy duty applications required **GREEN** colored fluid to provide long-lasting, complete protection for all cooling system components.

It is recommended for use in any Asian vehicle using a **GREEN** antifreeze/coolant formulation with diesel, gasoline and natural gas engines for on-road and off-road applications, industrial, farm, mining, construction and military equipment, including models with indirect cooling systems of Electric (EV), Hybrid (HEV) and Plug-in-Hybrid (PHEV) technologies.

PERFORMANCE FEATURES and BENEFITS

- **Extended life hybrid organic acid (non 2-EH) technology**
Works in all engine applications and, when used as directed, this product will provide long-lasting protection for modern engines.
- **Free from 2-EH acid, amines, borate, nitrites, and silicates**
This formulation provides excellent heat transfer capabilities for high-temperature applications and stable/complete inhibitor package free of amines, silicate, nitrites, or 2-EH acid. Therefore, it is the recommended choice to meet the chemistry restrictions of engine and vehicle OEM's around the globe.
- **Outstanding corrosion protection**
Provides excellent corrosion protection as confirmed through numerous Asian OEM testing and as demonstrated during the evaluation of the product under the ASTM D3306 and JIS K2234 specifications. Eliminates the need for SCAs and chemically charged filters.
- **Compatibility**
This non-abrasive product is fully compatible with other similarly formulated HOAT engine coolants and could improve water pump seal life; can be mixed with other coolants (and kept below 25% to maintain corrosion protection contamination levels with other coolants); and provides exceptional long-term elastomer compatibility.
- **Long shelf life**
When stored unopened and under cover (in original packaging and away from moisture & direct sunlight), this product should be suitable for use up to 3-5 years after manufacturing date. Product must be shaken prior to use.

GC® Asian Green Super Extended Life Prediluted Antifreeze/Coolant



SPECIFICATIONS and APPROVALS

Meets or exceeds these requirements:

- ASTM D3306
- JIS K2234
- ASTM D4985
- SAE J814

TYPICAL PHYSICAL and CHEMICAL CHARACTERISTICS

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES FOR	
		Concentrate	50/50 Prediluted
Appearance/Color	Visual	Green	Green
pH, 50 vol. %	D1287	7.6	7.6
Specific Gravity	D1122	1.131	1.080
Freezing Point, 50 vol. %	D1177	-34°F (-36.4°C)	-34°F (-37°C)
Ash Content, mass %	D1119	< 5	< 2.5
Chloride, ppm	D3634	< 25	< 25
Total Water, mass %	D1123	< 5	50 max

These characteristics are typical of current production.

FREEZE/BOIL PROTECTION CHART	Coolant/Water Ratio	PROTECTS FROM (typical values)	
		Freezing Down to	Boiling Up to*
	50/50	-34°F	265°F
60/40	-62°F	270°F	
70/30	-84°F	276°F	

* Using a 15 PSI Pressure Cap in Good Condition; † - Proper maintenance requires a complete cooling system flush and fill and subsequent topping off as needed with the same product at 50/50 dilution or mixture of concentrate with good quality water to achieve 50/50 coolant/water ratio.

SHIPPING INFORMATION

Part #	Unit	Size	Dimensions (")	Unit weight (lbs.)	Units per Pallet	Pallets per Truck	Pallet weight (lbs.)
GC-C2A04-U-01-01	Case	6/1 gal	15.8L X 12.8W X 12.25H	60	36	20	2,210

ADDITIONAL INFORMATION

For proper freezing and boiling protection, use a traditional refractometer or hydrometer with ethylene glycol scale. Product should be kept away from children and animals to prevent potential exposure. A bittering agent is added to help reduce the potential for accidental ingestion of this product. For more information see Safety Data Sheet for appropriate products. Always dispose used coolant in accordance with local, state and federal guidelines.