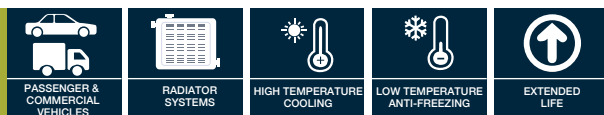


## ULTRACOOOL MAX SERIES

PRE-MIXED NAPS FREE OAT ANTI-FREEZE / COOLANT



### Performance Claims

ASTM D 3306/4985/6210; BS 6580; SAE J1034/1941; JIS K2234; MB DBL 325; VW TL774F; PORCHE TL774F; PEUGEOT B71 5110; RENAULT TYPE D; TOYOTA K2601 G; MITSUBISHI ES-X64217; NISSAN NES 5059 LLC; HYUNDAI MEETS; FORD WSS-M97B44-D; CHRYSLER MS9769; GM 1825M/1899M/6277M; VOLVO MEETS; DETROIT DIESEL 93K217; SCANIA 6901; MAN 324; MACK 014 JS17004; MTU MTL5048

### Product Description

ULTRACOOOL MAX SERIES are pre-mixed (ready to use) extended life anti-freeze/coolant specially formulated from organic acids technology (OAT) inhibitor system. ULTRACOOOL MAX SERIES does not contain nitrite, amine, phosphate or silicate (NAPS-Free). It's a combination of many organic acids which provides multi-metal corrosion protection, especially for aluminium. ULTRACOOOL MAX SERIES provides maximum protection against damaging rust and corrosion in engine cooling systems. This patent pending technology (OAT) does not use 2-Ethylhexanoic acid (2EH) or any other organic acid that is aggressive to hoses and gaskets.

### Features & Benefits

- ✓ Multiple scale inhibitors/dispersant protection for coolant systems.
- ✓ Safe for elastomers used in hoses and gaskets.
- ✓ Non foaming properties which improving cooling consistency.
- ✓ Not required any initial addition of supplemental coolant additives (SCAs).
- ✓ Compatible with major coolant types for top-off and full service.

### Applications

ULTRACOOOL MAX SERIES can be used for the majority of passenger cars, light & heavy-duty applications for on-highway, off-road, marine, agricultural, mining and construction equipment where OEM recommended this type of NAPS-Free inhibitor chemistry. ULTRACOOOL MAX SERIES are pre-diluted to different concentration ratios between ethylene glycol (EG) to de-ionized water (DW) according to 10%, 33%, 40% (for light duty applications) and 50%, 67%, 90% (for heavy duty applications). Please always follow your OEM's advice for the suitable mixing ratio required.

### Typical Test Data

Characteristics	Method	Unit	Typical value					
Product Name			ULTRACOOOL MAX 10%	ULTRACOOOL MAX 33%	ULTRACOOOL MAX 40%	ULTRACOOOL MAX 50%	ULTRACOOOL MAX 67%	ULTRACOOOL MAX 90%
Product Code			AFLC54012	AFLC54013	AFLC54014	AFLC54015	AFLC54016	AFLC54017
Appearance	VISUAL	None	Green	Green	Green	Green	Green	Green
Density @ 15°C	ASTM D1122	kg/L	1.04	1.05	1.06	1.07	1.09	1.11
Boiling Point	ASTM D1120	°C	104	106	108	110	125	160
Freezing point	ASTM D1177	°C	-12	-17	-20	-37	-36	-35
PH Value	ASTM D1287	None	8.01	8.05	8.1	8.2	8.3	8.5
Reserve Alkalinity	ASTM D1121	ml	0.9	1.5	1.7	6	7	12
Corrosion Test	ASTM D1384	Rating	Pass	Pass	Pass	Pass	Pass	Pass

### Health and Safety

This product used as our recommendation for intended application is not expected to produce any particular risk. A safety data sheet of the product is available on request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.

Available Packages | BULK | 205 L | 25 L | 20 L | 6X5 L | 4X5 L | 6X4 L | 4X4 L | 12X1L |