



ANTIFREEZE AND SUMMER COOLANT

(Available as concentrate or 50/50 Prediluted Fluid)

ANTIFREEZE AND SUMMER COOLANT is a low silicate, ethylene glycol coolant suitable for automobiles, trucks, busses and heavy equipment. It contains special inhibitors to provide excellent foam resistance and corrosion protection for all types of metals found in cooling systems such as aluminum, copper, solder, steel, brass and cast iron.

ANTIFREEZE AND SUMMER COOLANT is compatible with cooling system components, hoses, and most major brands of antifreeze. Furthermore, it will not harm automotive finishes. A 50% solution of **ANTIFREEZE AND SUMMER COOLANT** and water is recommended for year-round performance.

ANTIFREEZE AND SUMMER COOLANT meets or exceeds the following specification:

- ASTM D-3306, D-4340 and D-4985
- Caterpillar
- CSMA
- Chrysler MS 7170
- Cummins 90T8-4
- Detroit Diesel 7SE-298
- Ford ESE M97B44-A
- Freightliner 48-22880
- General Motors 1899-M and 6083-M
- GSA A-A-870
- John Deere H5
- Mack
- SAE J 1034 and J 1941
- Truck Maintenance Council RP-302B
- Volvo/GM Heavy Truck

TYPICAL CHARACTERISTICS

Product Code	13600 (concentrate)
	13603 (50-50 prediluted)
Color	Green
Specific Gravity (ASTM D-1121) 60/60 °F	1.12 - 1.13
Freeze Point (ASTM D-1177) °F (°C) max.	
30 % Antifreeze Solution	4 (-16)
40% Antifreeze Solution	-12 (-24)
50% Antifreeze Solution	-34 (37)
Equilibrium Boiling Point (ASTM D-1120) °F (°C) min.	325 (163)
Flash Point (ASTM D-92) °F (°C), min	250 (121)
Inhibitors, ppm	2650
Composition, wt. %	
Total Glycols, wt%, min. (ASTM E 202)	95.0
Total Water, wt% max. (ASTM D 1123)	5
Silicates, measured as silicon, ppm max	250
Reserve Alkalinity (ASTM D-1121) ml	6.8
Foam Resistance (ASTM D-1881)	
Foam Volume, ml max.	50
Foam Break, seconds max.	5

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
8/6/2007