



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

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PRODUCT SPECIFICATIONS & TECHNICAL DATA

KING ANTIFREEZE + COOLANT 50/50 PREDILUTED READY TO USE CONVENTIONAL GREEN (Ethylene Glycol Based)

UNIVERSAL FORMULA

NEW CAR ALUMINUM PROTECTION PLUS... MEETS HEAVY DUTY LOW SILICATE REQUIREMENTS

5-WAY PROTECTION:

* Freeze-Up * Boil-Over * Rust Corrosion * Scale Build-Up * Sludge Clogging

SPECIFICATIONS:

GENERAL: Meets the performance requirements and specifications for aftermarket anti-freeze / coolants including;

HEAVY DUTY:

* ASTM D-4985
* SAE J1941
* CATERPILLAR
* JOHN DEERE H24B1
* JOHN DEERE H24C1
* MACK

* GM 1899M
* CUMMINS 90TB-4
* RP-302B MAINTENANCE
COUNCIL AMERICAN
TRUCKING
* VOLVO/GM HEAVY TRUCK

AUTOMOTIVE:

* ASTM D-3306
* SAE J1034
* FORD ESE M97B44-A
* GSA A-A870

* ASTM D-4340
* GM 1825M
* CHRYSLER MS 7170

PHYSICAL & PERFORMANCE PROPERTIES

PROPERTIES	TYPICAL VALUES	ASTM TEST METHOD LATEST ISSUE
SPECIFIC GRAVITY AT 60 / 60 F	1.070-1.080	D 1122
BOILING POINT	-34°F (-37°C) Max.	D 1177
BOILING POINT	265°F (130°C) MIN	D 1120
pH	10.0-11.0	D 1287
RESERVE ALKALINITY	5.0-7.0	D 1121
TOTAL WATER	50% MAX	D 1123
TOTAL GLYCOLS	50% MIN	E 202
SILICON	125 ppm MAX	

PROTECTION CHART – (°F) *Using a 15 lb. pressure cap

Concentration 50%

Boiling Point* 265

Freezing Point -34

UNIVERSAL CORROSION PROTECTION

Very low corrosion weight changes by standard ASTM Glassware (D-1384), Simulated Service (D2570) and Vehicle Service (D-2847) test methods. These methods use 6 different metals: copper, solder, brass, steel, cast iron and aluminum commonly found in an automotive or truck cooling system. Compatible with all nationally distributed water filters and supplemental Coolant additives. When using as a diesel coolant, SCA's must be added.