K1 Lube Coolant

Premium Performance
Antifreeze / Coolant

KS M 2142, ASTM D3306,
GB 29743, JIS K 2234



DESCRIPTION

K1 Lube Coolant is a premium quality ethylene glycol-based antifreeze coolant concentrate. It is primarily designed to meet the stringent corrosion protection requirements of late-model automobile engines where significant amounts of aluminum are used in automotive components. It is dyed in unique colors for easy identification.

APPLICATIONS

- Primarily recommended for late model passenger car and light commercial vehicle engines where enhanced protection of aluminum heat-rejecting surfaces is required. It can also be used in certain cast iron, heavy-duty diesel engines, particularly, European dry-liner and "no-liner" designs, which operate without supplemental coolant additives(SCAs).
- K1 Lube Coolant is a coolant concentrate designed to be mixed with clean water. It is not a pre-diluted product. For optimum year-round protection a concentration of 50 percent solution of K1 Lube Coolant in water is recommended.
- Freezing and boiling protection provided by various concentrations of K1 Lube AF Coolant are as follows:

PERFORMANCE STANDARDS

KS M 2142, ASTM D3306, GB 29743, JIS K 2234

CUSTOMER BENEFITS

Excellent Corrosion Protection

Advanced additives protect cooling systems from corrosion and deposits and maximize aluminum engine component life.

Stable Base Performance

A premium ethylene glycol-based coolant provides a higher boiling point for protection against engine overheating and prevents coolant freezing. It is compatible with hard water.

FREEZING TEMP (MIXTURE RATIO)

Antifreeze, vol%	30	40	50	60
Water, vol%	70	60	50	40
Freezing Temp,℃	-16	-25	-36	-50

KEY PROPERTIES

Test Item	Unit	K1 Lube AF Coolant
Color	Color	Blue / Red / Green
pH, 33 vol% in distilled water	pH	8.0
Specific Gravity, 20°C	.	1.132
Water Content	Mass %	4.0
Boiling Point	°C	170
Flash Point	°C	124