

## Q8 Antifreeze Lobrid EC-1 Premixed

Cooling fluid based on mono ethylene glycol

### Description

Q8 Antifreeze Lobrid EC-1 Premixed is a cooling fluid based on patented silicate-free aliphatic additives technology which provides long-life corrosion protection for all engine metals, including aluminum and ferrous alloys. It protects the engine from corrosion, freezing and boiling by transferring the heat from the combustion engine to the radiator. The ready-to-use Q8 Antifreeze Lobrid EC-1 Premixed contains non-depleting Lobrid corrosion inhibitors that lead to a long coolant life.

### Applications

Q8 Antifreeze Lobrid EC-1 Premixed is proven to provide protection for as much as 650,000 km (ca. 8,000 hours) in truck & bus-applications as well as off highway applications. Specially recommended for Caterpillar engines requiring Caterpillar EC-1 specification using Lobrid inhibitor technology.

### Benefits

- Outstanding long life protection against all forms of corrosion.
- Reduces repairs of thermostat, radiator and water pump thus cost and downtime
- Excellent hard water stability due to the absence of silicates and phosphates.
- Outstanding protection of the cooling system in a wide range of operating conditions
- Outstanding and extended corrosion protection due to synergistic effects.

### Specifications, recommendations and approvals

ASTM	D 6210	MIL-France	DCSEA 615/C
BS	6580	MIL-Italy	E/L-1415b
Caterpillar	EC-1	MIL-Sweden	FSD 8704
FVV Heft	R 443	NATO	S-759
France NFR	15-601	SAE	J 1034
JASO	M325	TMC	RP 329
JIS	K 2234	UNE	26-361-88/1
KSM	2142	US Federal	AA-5262
MIL-Belgium	BT-PS-606 A	Önorm	V5123

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	1.119
Colour	Visual	-	Red
Freezing Protection 50-50%	D 1177	°C	-38
Foaming properties at 88 °C	D 1881	ml	50
Break time at 88 °C	D 1881	sec.	5
Equilibrium Reflux Boiling Point	D 1120	°C	108
Water content	-	%	50
Effect on non-metals	GME60 255	-	no effect
Equilibrium Reflux Boiling Point	D 1120	°C	172

The figures above are not a specification. They are typical figures obtained within production tolerances.

### Remarks

Replacement of the antifreeze is recommended after 6 years under moderate conditions. When used in hot conditions, replacement after 3 years is recommended. Although Q8 Antifreeze Lobrid EC-1 Premixed is compatible with most other ethylene glycol based engine coolants, mixing it with non-long life engine coolants might affect the long life feature.