



# PRODUCT DATA SHEET

## ADNOC Auto Cool

33%, 50%, 100%

### DESCRIPTION

**ADNOC Auto Cool** is recommended for use in liquid cooling systems of automotive and industrial gasoline and diesel engines. They are available in various concentrations ready for use. It is harmless to rubber and does not foam or clog radiators. Based on OAT (Organic Additive Technology) chemistry. Free from Nitrites, Nitrates, Silicates, Phosphates and Amines.

### APPLICATIONS

**ADNOC Auto Cool** protects cooling systems of gasoline and diesel engine against rust in all seasons. It provides ideal cooling, effective protection against corrosion and scale deposit formation in the cooling systems year-round, resulting in longer radiator life.

### BENEFITS

- High boiling point gives better cooling performance in high temperature condition.
- Complies with most engine
- Excellent anti-foam properties
- Protects the radiator against rust & corrosion
- Compatible with ordinary summer coolant
- Protection against excessive evaporation
- Provides year round cooling properties

### PERFORMANCE LEVEL

ASTM D3306

BS 6580

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## PRODUCT TYPICAL CHARACTERISTICS

Properties	Unit	33%	50%	100%	Test Methods
Color	-	Blue			Visual
Density@20°C	kg/L	1.049	1.070	1.109	ASTM D1122
Reserve Alkalinity	mL	1.1	1.3	3.8	ASTM D1121
pH@20°C	-	8.4	8.2	8.4	ASTM D1287
Boiling Point*	°C	105	110	172	ASTM D1120
Freezing Protection (33%)	°C	-18		-	ASTM D1177
Freezing Protection (50%)	°C	-	-37	-	ASTM D1177
Foam					ASTM D1881
- Volume	mL	50			
- Break Time	s	<5			
Flash point, COC	°C	106	112	128	ASTM D92
Ash content	%mass	<0.8			ASTM D1119
Effect on Automotive Finish	-	No effect			ASTM D1882
Amine, Borate, Nitrate, Nitrite, Phosphate, Silicate	mg/L	<10			

\*Using a 1bar pressure cap

Test Metal	Unit	Result	Test Method
Copper	mg/specimen (weight loss)	-0,7*	ASTM D 1384
Solder		-0,8*	
Brass		-0,5*	
Steel		0,2	
Cast Iron		2,1	
Aluminium		-1,4*	

\*Negative figures means weight gain

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.

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