

Organic Type Engine Coolant

Advantages

- ⊙ Adopting internationally advanced organic acid salt inhibiting technology, reducing crevice corrosion of aluminium and cavitation corrosion of cast iron, prolonging service life of engine parts, and providing durative anti-corrosion protection for cooling system
- ⊙ Strong hard water resistance ability, not easy to produce incrustation and gel deposition of silicate
- ⊙ Excellent heat transfer and outstanding protection ability at high temperature, providing perfect high temperature anti-corrosion protection for aluminium heat transfer surface in engines of modern vehicles
- ⊙ Harmless for rubber pipe and sealing material, prolonging service life of water pump and seals
- ⊙ Storable for year round with perfect stability
- ⊙ Outstanding universality, suitable for engines made of different metals, realizing one anti-freeze fluid for a mixed fleet
- ⊙ Possibly realizing all day long protection for engines used in mainland of China in year round
- ⊙ Providing anti-freeze protection at minimum temperature of -60°C , and anti-boil protection at maximum temperature of 116°C
- ⊙ An environment friendly product without harmful or potentially toxic chemicals, neither forming carcinogenic product with potential hazard to human body, nor damaging water system and soil ecosystem

Performance specification

The product meets the following specifications:

- ⊙ ASTM D3306
- ⊙ ASTM D4985
- ⊙ Q/SH PRD 145-2008

Applications

- ⊙ Suitable for passenger cars or trucks requiring engine coolant
- ⊙ Providing outstanding and durative high temperature anti-corrosion protection for aluminium alloy of modern engines and cast iron liner of diesel engines, suitable for engines fuelled by gasoline, diesel, LPG and CNG

Typical properties

Items	Organic type engine coolant					Testing method
	YF-1	YF-2	YF-2B	YF-2A	YF-3	
Color	Blue liquid					Visual observation
Boiling point, $^{\circ}\text{C}$	108	109	110	111	113	SH/T 0089
Freezing point, $^{\circ}\text{C}$	-26	-36	-41	-47	-51	SH/T 0090
PH value	8.3	8.3	8.4	8.4	8.5	SH/T 0069