

# PRODUCT INFORMATION



## VALVOLINE™ SUPER COOLANT ORGANIC TECHNOLOGY

Valvoline™ Super Coolant Organic Technology is nitrite and silicate free engine coolant developed to protect car, truck, bus and marine engine from damage caused by heat and cold corrosion. It is manufactured from mono-ethylene glycol based antifreeze with a blend of inhibitors based on ORGANIC ACID TECHNOLOGY (OAT) designed to give a high degree of corrosion protection to metals usually found in engine cooling systems.

Valvoline™ Super Coolant Organic Technology is in CONCENTRATE form for cost effectiveness which is recommended to mix with clean water ie tap or drinking water (not ground, river or canal water) 1:1 – 1:2 for optimum protection. CONCENTRATE can be used as top-up. Annual cleaning and changing cooling system is recommended for good practice. It offers good corrosion protection to engine components such as radiators, cylinder blocks / heads and water pump, whether these contain cast iron, mild steel, cast aluminum and other alloys.

### SUPER COOLANT ORGANIC TECHNOLOGY ADVANTAGES

- Superior protection of galvanized metals.
- Absence of the possible danger of carcinogenic nitrosamine formation if mixed with amine-containing products.
- Optimal freezing point -8 to -20 °C

### PERFORMANCE LEVEL

British Standard BS:6580

Chinese Specification NB/SH/T 0521

### Typical properties:

Typical Properties characteristics are based on current production. Whilst future will confirm to Valvoline specification, variations in these characteristics may occur.

### Typical Characteristics

	Typical Result
Appearance	Fluorescent Green / Pink hazy liquid
Density, g/ml. @ 20°C	1.03
pH @ 25°C	7.5
Boiling Point, °C	106
Foam Break Time, sec	Less than 5

Engine Components	Performance Requirements,(Max) ASTM D3306	Performance Requirements,(Max) AS 2108	Typical Mass Loss (mg)
Copper	10	10	1
Solder	30	15	1
Brass	10	10	0
Mild Steel	10	10	3
Cast Iron	10	10	0
Cast Aluminum	30	15	6

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. Reference is made to Safety Data Sheet (SDS) which is available on request via your local technical or sales representative.

This information only applies to products manufactured in the following location(s): Thailand

Effective Date

Oct 2020

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