

# HITACHI Long Life Coolant -37°C 50/50 Premix

## Description & Application

Hitachi Long Life Coolant Premix is a prediluted extended-life coolant with an ethylene glycol base, specifically formulated for maximum protection of modern engines.

## Performance Features & Benefits

- Sustained Prevention of Rust and Corrosion - Hitachi Long Life Coolant Premix is designed to provide lasting protection for the aluminum components in modern automotive engines.
- Meets regulations - Hitachi Long Life Coolant Premix has undergone rigorous testing and has proven effective in modern high-temperature conditions.
- Excellent heat transfer - This formula incorporates a blend of nitrate and phosphate, combined with organic acid technology, to enhance heat transfer properties and protect aluminum against corrosion and oxidation.

## Classification

- Complies with all ASTM D3306 and JIS K2234 standards.

## Typical Physical & Chemical Characteristics

Characteristics	Units	ASTM D3306	Typical Value
Appearance	---	---	Green
Relative density, 15.5/15.5°C	---	1.065 min	1.085
Freezing point	°C	-36.4 max	-37
Boiling point	°C	108 min	110
Ash content	%	2.5 max	1.2
pH	---	7.5 - 11	7.8
Chloride	ppm	25 max	<25
Reserve alkalinity	ml	Report	4.5
Effect on automotive finish	---	No effect	No effect
Metal corrosion test (Weight loss)	mg		
	Copper	10 max	1
	Solder	30 max	0
	Brass	10 max	2
	Steel	10 max	0
	Cast Iron	10 max	0
	Aluminium	30 max	1
Simulated service test (Weight loss)	mg		
	Copper	20 max	0
	Solder	60 max	0
	Brass	20 max	0
	Steel	20 max	0
	Cast Iron	20 max	2
	Aluminium	60 max	1
Corrosion of cast aluminum alloys at heat-rejecting surfaces	mg/cm <sup>2</sup> /week	1.0 max	0.1
Foaming	Volume (ml) Break time (s)	150 max 5 max	5 1
Cavitation-erosion of water pump, rating for pitting	---	8 min	9

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Hitachi PN	Hitachi Product Description
E0A003611	Long Life Coolant 5L 50/50 Premix
E0A003612	Long Life Coolant 20L 50/50 Premix
E0A003613	Long Life Coolant 210L 50/50 Premix
E0A003614	Long Life Coolant 1000L 50/50 Premix