

# HITACHI Premium Long Life Coolant

## Description & Application

Coolant selection has significant implications as the life of your engine and radiator heavily depends on the type you choose. It is crucial to use products approved by the manufacturer to provide long lasting protection from corrosion, cavitation, and other potential issues. Hitachi Premium Long Life Coolant is designed with advanced technology, offering superior protection to all parts of the cooling system. It is enhanced with special additives for heavy duty construction and mining machinery, making it a non amine/non-nitrite type high performance coolant that meets engineering standards. Hitachi Premium Long Life Coolant will not harm any parts in the engine system, such as hoses and seals. It does not contain nitrites, silicates, or borates, which are known to cause damage to various engine components, leading to serious performance issues such as gelling and deposits. Furthermore, Hitachi Premium Long Life Coolant does not require supplemental coolant additives (SCA), resulting in cost savings by eliminating the need for them in the system. It extends your coolant change interval, and using approved coolants provided by listed customers helps reduce cooling system problems and maintenance issues, leading to less downtime. The product is available as an antifreeze/coolant diluted to 50/50 with high quality water, ready for use without any further dilution. When used as directed, this product provides exceptional year round performance and protection.

## Performance Features & Benefits

- Sustained Prevention of Rust and Corrosion - Hitachi Premium Long Life Coolant contains highly heat resistant, long life additives that promote robust resistance to corrosion and rust in all cooling system components.
- Prevents Freezing in the Cooling System - The coolant ensures stable non freezing performance, capable of withstanding the winter season, even in extremely cold areas.
- Excellent Cavitation Prevention - Special additives blended into this coolant effectively suppress cavitation damage to the cylinder liner or water pump, preventing potential engine issues. Additionally, it extends the lifespan of all cooling system components.
- Significant Prevention of Scale Formation - Special additives are incorporated to prevent the formation of water clogging scales in the cooling system, reducing the risk of overheating in key components.

## Specifications and Approvals

Meets or exceeds these requirements:

- Cummins CES 14603
- JIS K2234
- SAE J814
- ASTM D3306
- TMC RP 329
- ASTM D6210

## Typical Physical & Chemical Characteristics

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES FOR: ASTM D3306/6210	L265 premix
Appearance/Colour	Visual	Distinctive	Blue
pH, 50% vol%	D1287	7.5-11.0	8.3
Specific Gravity, 50% vol%	D1122	1.065 min	1.08
Freezing point, 50% vol%	D1177	-36.4°C	-37°C
Ash Content, mass %	D1119	2.5 max	< 2.5
Chloride, ppm	D3634	25 max	< 25

These characteristics are typical of current production.

FREEZE/BOIL PROTECTION CHART	Coolant/Water Ratio	PROTECTS FROM (typical values)	
		Freezing Down to	Boiling Up to*
	50/50	-37°C	108°C

\*Using a 15PSI Pressure Cap in Good Condition

## Additional Information

For proper freezing and boiling protection, use a traditional refractometer or hydrometer with an ethylene glycol scale. The product should be kept away from children and animals to prevent potential exposure. A bittering agent is added to help reduce the potential for accidental ingestion of this product. For more information, see the Safety Data Sheet for appropriate products. Always dispose of used coolant in accordance with local, state, and federal guidelines.

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Hitachi PN	Hitachi Product Description
E0A003665	Premium Long Life Coolant 5L
E0A003666	Premium Long Life Coolant 20L
E0A003667	Premium Long Life Coolant 210L
E0A003668	Premium Long Life Coolant 1000L

- This product incorporates CCI Corporation's L265 coolant technology
- Approved by Cummins CES 14603