HINO

TECHNICAL DATA SHEET
EXTENDED LONG LIFE COOLANT / ANTIFREEZE

HINO 50/50 PREMIX

EXTENDED LONG LIFE COOLANT / ANTIFREEZE

HINO Extended Long Life Coolant / Antifreeze 50/50 Premix is a premium quality coolant specifically formulated for HINO vehicles. It provides excellent protection against corrosion, rust and cavitation in all cooling system metals, and helps extend the life of the cooling system.



FEATURES & BENEFITS

- Superior corrosion protection for all cooling system metals including aluminum
- Excellent low temperature protection
- High boiling point protection
- Extended service life – Long Life Technology (LLC)
- Factory pre-mixed 50/50 for optimum performance
- Compatible with HINO vehicles and cooling systems

DESCRIPTION

A ready-to-use 50/50 premix of ethylene glycol based coolant and deionized water with a proprietary additive package that provides long-lasting protection against freeze-up, boil-over and corrosion. It is specifically developed for use in HINO vehicles.

APPLICATION

Recommended for use in all HINO trucks, buses and diesel engines requiring extended life coolant. Suitable for aluminum, cast iron, copper, brass and solder alloys commonly found in modern cooling systems.

PACKAGING

Package	Part Number (PN)
3.78 Liters (1 Gallon)	HLLCP-001 / 009 925 05
18.9 Liters (5 Gallons)	009 925 05C30

TYPICAL PROPERTIES

Property	Unit	Method	Value / Description
Base Type	-	-	Ethylene Glycol
Color	-	Visual	Blue
Typical Mixture	% vol	-	50/50 (premix)
Density (20°C)	g/cm³	D1122 / D4052	1.06 – 1.08
Freezing Point (50%)	°C	D1177	-47
Boiling Point (50%)	°C	D1120	110 – 129
pH (50%)	-	D1287	7.5 – 11.0
Corrosion Protection	-	D1384	Pass
Silicate Content	-	-	Silicate-Based
Free Amine/Nitrite Content	-	-	Amine & Nitrite
Free Thermal Conductivity	W/m·K	D2717 (approx.)	0.48 – 0.50
Specific Heat (50%)	kJ/kg·K	D2766	3.3 – 3.6
Dynamic Viscosity (20°C)	mPa·s	D445 / D2196	3.0
Thermal Expansion	1/K	D1120 (relative)	0.0005

HEALTH, SAFETY & ENVIRONMENT

- Harmful or fatal if swallowed.
- Avoid prolonged or repeated contact with skin.
- Keep out of reach of children.
- For more information, refer to the Safety Data Sheet (SDS).
- Dispose of used product in accordance with local regulations.

STORAGE

- Store in original container, tightly closed.
- Store in a cool, dry and well-ventilated area.
- Protect from direct sunlight and extreme temperatures.

NOTE

Always follow the vehicle manufacturer's recommendations for coolant replacement intervals and system maintenance.