



50/50 Anti-Freeze Coolant

Technical Data Sheet



PACKAGING:

1L, 4L, 60L, 208L

DESCRIPTION:

Volkio Coolant / Antifreeze is a high-performance, ready-to-use ethylene glycol-based formula, free from phosphates, silicates, nitrites, and borates. Engineered for superior protection, it effectively guards against wet sleeve liner cavitation and corrosion across all cooling system metals. Volkio Coolant / Antifreeze is specially formulated with advanced organic corrosion inhibitors, delivering complete protection for the entire cooling system. Ideal for both on-road and off-road applications, it ensures long-lasting, reliable performance under extreme conditions.

BENEFITS:

- Eliminates the cost of SCAs
- Fully compatible with other quality Organic Acid (OAT) and Nitrited Organic Acid (NOAT) heavy-duty extended life coolants
- Non-abrasive formula can improve water pump seal life
- Provides outstanding long-term elastomer compatibility
- Designed for use in engines running EGR and SCR technologies that can increase cooling system temperatures

SPECIFICATIONS:

Volkio 50/50 Coolant meets or exceeds following International and Builder specifications

GM DEXRON®-VI

- ASTM D3306
- SAE J1034, J1038
- BS 6580
- CAT ELC (EC-1)
- Detroit Diesel 7SE298
- GM 1825, 1899M, 6277M
- Freightliner 48-22880

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Concentration	%	50%
Appearance	VISIBLE	RED
Equilibrium Reflux Boiling Point (ERBP)°C	FMVSS 116	110 Max
Freezing Point	ASTM D 1177	-37 Max
Kinematic Viscosity @100°C	ASTM D 445	≥ 1.5
Ph	ASTM D 5464	7.0-9.0
Specific Gravity 60°F	ASTM D 1298	1.04-1.08
Corrosion Test	ASTM D 2570	Pass

APPLICATION:

Volkio Coolant / Antifreeze is recommended for all types of passenger cars, heavy-duty diesel, gas engines and stationary engine applications regardless of fuel type being used. It is also suitable for marine cooling systems where freeze protection is needed. Mixed fleets where both light-duty and heavy-duty trucks are present.