



BOREAS OAT COOLANT

PRODUCT DESCRIPTION:

BOREAS Coolant/Antifreeze is a ready-to-use, ethylene glycol-based solution that is free of phosphates, silicates, nitrites, and borates. It is specifically designed to deliver superior protection against wet sleeve liner cavitation and corrosion for all cooling system metals. Formulated with organic corrosion inhibitors, BOREAS Coolant/Antifreeze ensures comprehensive cooling system protection for both on-road and off-road applications.

APPLICATION:

BOREAS 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.

FEATURES & BENEFITS:

- Designed for use in engines running EGR and SCR technologies that can increase cooling system temperatures
- 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
- Optimal hard water compatibility and reduced hard water scale
- Provides outstanding long-term elastomer compatibility

PERFORMANCE LEVELS: Meets or Exceeds:

- BS 6580
- ASTM D3306
- SAE J1034, J1038
- Cummins 90T8-4
- CAT ELC (EC-1)
- Detroit Diesel 7SE298
- GM 1825, 1899M, 6277M
- TMC RP329
- Freightliner 48-22880

TYPICAL PPROPERTIES:

PARAMETERS	ASTM	UNIT	BOREAS			
Concentration			33%	50%	60%	100%
Freezing Point	D1177	°C	-16	-37	-45	-34 (50%)
pH	D1278	-	8.0	8.1	8.2	8.3
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com