

Technical Data Sheet (TDS)

GLACIA

Concentration- 100%

MINERAL

GLACIA Coolant / Antifreeze is a ready-to-use, phosphate-free, silicate-free, nitrite-free and borate-free, ethylene glycol-based coolant that is designed to provide exceptional wet sleeve liner cavitation and corrosion protection of all cooling system metals. Avalanche Coolant/ Antifreeze is formulated with organic corrosion inhibitors to provide total cooling system protection for on-road and off-road use.

APPLICATION

GLACIA 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. Mixedfleets 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 STANDARDS

- BS 6580
- ASTM D3306, D4485, D6210
- D4485 , D6210
- SAE J1034, J1038
- Cummins 90T8-4
- CAT ELC (EC-1)
- Detroit Diesel 7SE298
- GM 1825, 1899M, 6277M
- TMC RP329
- Freightliner 48-22880
- D2N 51524

TYPICAL PROPERTIES

PARAMETERS	ASTM	GLACIA Concentration 100%
Appearance	Visual	Red/Green Liquid
Type	-	OAT
Density @ 20°C	D1122 / DIN 51757	~1.115
Boiling Point	D1120 / DIN 51560	> 170
Freezing Point	D1177 / DIN EN 111	N/A (Must dilute)
pH(diluted with DI water)	D1287 / DIN 51369	8.3-9.7
Reserve Alkalinity (RA)	D1121	>10.0
Ash Content	D1119	<5
Foaming Characteristics	D1881	<50 / <5
Glycol Content	Refractometer /DIN 51423	~ 95
Chloride/Sulfate Content	D3634 / D516	<25
Corrosion Inhibition(glasswae test)	D1384 / DIN 51360-T2	Pass
Comptibility	D2809 / Internal	Metals/Rubbers

HEALTH & SAFETY, ENVIORMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the enviornment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our wevbsite: www.fubex.net

HEALTH & SAFETY:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. products should never be stored above 60 C , or exposed to hot sun or freezing conditions.

PROTECT THE ENVIRONMENT

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.