

STRUB GEO OAT L -15

Cold and corrosion protection for all ground-source heat pump systems

Art.-No. 32354

Base

STRUB GEO OAT L is a nitrite, amine, phosphate and silicate free mixture of corrosion inhibitors and monopropylene glycol (toxicologically safe). According to the latest Organic Acid Technology (OAT). Ready Mix

Specifications

Meets all international specifications for antifreeze systems in terms of material compatibility, temperatures, long-term use, corrosion, etc.

Features

STRUB GEO OAT L -15 is a clear, slightly blue colored, faint smelling liquid based on mono propylene glycol. The corrosion inhibitors of STRUB GEO OAT L -15 protect all metal materials commonly used in heat pump technology against corrosion, aging and incrustation for a long time and reliably, even in mixed installations. STRUB GEO OAT L -15 does not attack the sealing materials commonly used in heat pump technology.

Miscibility

STRUB GEO OAT L -15 is miscible with all commercially available antifreeze agents based on monopropylene glycol.

However, we recommend consulting our application engineering department before mixing STRUB GEO OAT L with other products.

Technical data

Color			Light blue
Specific gravity 20°C	g/ml		1.05
Viscosity at 20°C		ASTM D1218	2.6
Boiling point	mm2/s	ASTM D1120	106
Reserve alkalinity (pH 5.5)	°C	ASTM D1121	2 - 2.5
pH value		ASTM D1287	8.35
Thermal conductivity at 20°C			0.49
Spec. heat capacity/ spec. at 20°C	W/m*K		3.7
Electrical conductivity	kJ/kg*K		2,75
	ms		

As supplied: protection down to -15°C

Transportation

ADR/SDR No dangerous goods

Disposal

FVO VeVA / EAK 16 01 15

The information in this technical data sheet is based on general knowledge and possible applications. Strub + Co. AG is not liable for damage resulting from improper use of the products. The measurement and production tolerances customary in the industry apply to the characteristic data given. In general, no legal binding force can be derived from these data. Our products are subject to continuous further development. Therefore, Strub + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.