

C.O.S. 5050

Synthetic freezing point depressant and anti corrosion protection for food and beverage processing equipment



The benefits at a glance

- NSF-H1 registered
- Fully synthetic
- Depresses freezing point of water solutions
- Excellent low temperature flowability
- Little evaporation losses
- Good corrosion protection
- Excellent lubricating properties
- Free from silicon compounds
- Compatible with commonly used materials



Properties

Rivolta C.O.S. 5050 is a propylene glycol-based fluid containing anti-corrosion additives, for use in closed systems to chill or cool food or beverages in food industry applications.

The product is registered by NSF (Class H1) for use where there is potential for incidental food contact. Produced according to quality standards, in facilities where HACCP audit and Good Manufacturing Practice have been implemented and form part of the quality and hygiene management systems ISO 9001 and ISO 21469.

Fields of application

- For use as secondary cooling, or heating, in the food and beverage industry
- For use in closed cooling systems, including those where there is a potential for incidental food contact
- Various deicing, defrosting applications
- Freeze, burst and corrosion protection of pipelines

Recommended temperature range: -30 °C up to +100 °C

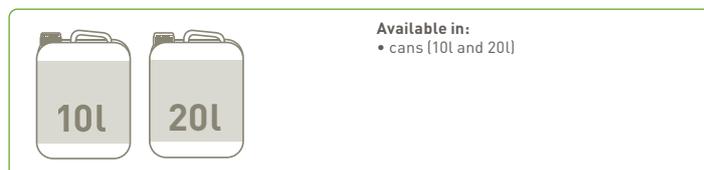
Form	liquid
Colour	clear, bright
Odour	neutral

Material compatibility

Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

Handling and storage

All food grade lubricants should be stored separately from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0 °C and +40 °C. Provided that the product has been stored under these conditions we recommend that the product be used within 2 years from the date of manufacture.



	Value	Norm
NSF Reg.-No.	168010	-
Density at +15 °C	1,047 g/cm ³	DIN 51757
Viscosity index	> 140	DIN ISO 2909
Kine. Viscosity at +20 °C	5,9 mm ² /s	DIN 51562-1
Kine. Viscosity at +40 °C	2,8 mm ² /s	DIN 51562-1
Freezing point	- 32 °C	DIN EN ISO 2592
Refractive index at +20 °C	1,386 nD20	DIN 51423-2



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