



# Glycostar ST48

Special hybrid engine coolant concentrate Colour: blue/green

## Description:

**Glycostar ST48** is a structured ethylene glycol concentrate special hybrid engine coolant for summer and winter, with frost and rust protection (for all-season use).

**Glycostar ST48** the special hybrid radiator with high corrosion resistance-share for the engine and cooling system that meets the modern demands of the development in motor.

**Glycostar ST48** contains an inhibitor package based on silicate, borate, and salts of organic acids (hybrid coolant).

**Glycostar ST48** is nitrite, amine and phosphate free.

## Characteristics:

- Powerful and long-lasting protection against corrosion for all parts of the cooling system, which consist of materials such as steel, cast iron, aluminum, copper, brass, soft solder
- Maintenance-free frost and overheating protection with a higher boiling point
- Extended coolant life
- Avoidance of cavitation damages, such as on the coolant pump
- Compatibility with varnishes
- Compatibility with hose and sealing materials
- Avoidance of sediments, which can cause radiator plugging
- Avoidance of foaming

## Usage:

**Glycostar ST48** should be mixed before pouring into the cooling circuit with water at a concentration of 33 to max. 60 vol% can be used.

Applying a 50/50 ratio for the mixture of water and **Glycostar ST48** is recommended.

Protection against the cold / antifreeze

50 vol% in water -38 ° C

33 vol% in water -18 ° C

## Usable for:

Coolant Standards	
AFNOR	NFR 15-601
AS	2108-2004
ASTM	D 3306
ASTM	D 4985
BS	6580 : 2010
CUNA	NC 956-16
JIS	K 2234 : 2006
SAE	J 1034
ÖNORM	V 5123
PN-C	40007:2000
SANS	1251 : 2005
CHINA	GB 29743-2013
We recommend this product for:	
ALFA ROMEO	(1976-2005)
ATLAS	
AUDI/SEAT/SKODA/VW	(TL 774-C)
BENTLEY	(1980-2005)
BMW/BMW MOTORRAD	(BMW LC-87)

Data are subject to change.

Attention: Service instructions should be observed!

STL/WINTER/-  
09/2021

DEUTZ	(DQC CA-14)
DEUTZ-FAHR	(<03/2017)
EICHER ENGINES	(TMTL Part No. 93183798)
ENERGIE AG	2 G
FENDT	
FERRARI	(1979-2009)
FIAT	(1982-2005)
FORD	(<1997)
HUERLIMANN	(< 03/2017)
JAGUAR	(1986-1999)
JENBACHER	(TA-Nr. 1000-0200)
LADA	
LAMBORGHINI-TRACTORS	(< 03/2017)
LANCIA	(1976-2005)
LIEBHERR	(Minimum LH-00-COL3A)
LOTUS	(1980-1999)
MAN	(MAN 324 NF) Diesel & Turbo (List 3.3.7)
MERCEDES-BENZ CARS	(MB-Approval 325.0) (326.0 Ready Mix)
MERCEDES-BENZ TRUCK & BUS	(MB-Approval 325.0) (326.0 Ready Mix)
MINI	(BMW LC-87)
MITSUBISHI CARISMA	(1996-2004)
MITSUBISHI COLT	(2004-2007)
MORGAN	
MTU	(MTL 5048)
MWM	(TR 2091)
OPEL	(B 040 0240)
PORSCHE	(< 1995)
ROLLS-ROYCE	(BMW LC-87)
SAAB	(690 1599)
SAME	(690 1599)
SETRA	(MB-Approval 325.0)
SMART	(MB-Approval 325.0)
TOYOTA	(> 2015)
VOLVO TRUCKS	(TR 1286083)

#### Miscibility:

- As the particular application advantages of **Glycostar ST48** only adjust when **Glycostar ST48** is used alone, the mixing with other coolants is not recommended.  
For the preparation of mixtures preferably softened water should be used.

<b>Glycostar ST48</b>		
<b>Article No.</b>	<b>Packaging unit</b>	
STL 3100 253	Can	1500 ml
STL 3100 254	Can	5 L
STL 3100 255	Can	20 L
STL 3100 256	Drum	60 L
STL 3100 258	Drum	200 L
STL 3100 259	PE-Container	1000 L

<b>Typical characteristics:</b>			
Specific weight at 20°C	kg/m <sup>3</sup>		1,121 - 1,123
ph-value			7,1 - 7,3
Flash point COC	°C		> 120
Kin. viscosity at 20°C	mm <sup>2</sup> /s		24 - 28
Refraction at 20°C			1,432 - 1,434
Boiling point	°C		> 165
Water content	%		max. 3,5
Ash content	%		max. 1,5
Reserve alkalinity	ml		13 -15
Colour			blue/green