

COOLANT/ ANTIFREEZE

XTAR SUPER COOLANT HYBRID NF

DESCRIPTION

XTAR SUPER COOLANT HYBRID NF is a premium-grade coolant based on hybrid technology. It contains an exclusive mixture of organic and inorganic corrosion inhibitors which provide long life protection for all coolant circuit components.

XTAR SUPER COOLANT HYBRID NF is suitable for use as an antifreeze / coolant in any combustion engine either automotive or industrial.

XTAR SUPER COOLANT HYBRID NF is approved by a large number of car and heavy duty original equipment manufacturers (OEM's).

PRODUCT APPLICATIONS

- As an anti-freeze/coolant for internal combustion engines, it provides extraordinary protection against freezing, corrosion and overheating .
- Before adding the coolant, it is recommended to drain and flush the coolant circuit.

PRODUCT PERFORMANCE

- High boiling point.
- Excellent anti-freeze properties.
- Excellent seal compatibility.
- Effective anti-foaming properties.
- Long life corrosion protection with very low maintenance costs.
- Prevents the deposits generation in the cooling system: engine block coolant channels, cylinder heads, thermostat, radiator, water pump and other vulnerable cooling system components.
- Environmental friendly. Free of amines and phosphates.
- For coolant preparation, use clean, soft water. Protection temperatures according to the percentage of dilution of the concentrated product are:

XTAR Super Coolant Hybrid NF concentrate dilution	Protection temperature
33%	-19°C
40%	-27°C
50%	-37°C

APPROVALS

- MAN324Typ.NF
- MB-Approval325.0
- DEUTZ DQCCA-14
- GEJenbacher TA-Nr.1000-0201

SPECIFICATION

- VW TL774-C
- SAAB 690 1599
- MINI (BMW)
- TESLA(Since2013)
- VAN HOOL
- ZASTAVA
- BMWN60069.0
- SMART (MB)
- VOLVOCAR 1286083 Issue002
- MTU MTL 5048

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR SUPER COOLANT HYBRID NF	
			50%	CONCENTRATE
Appearance / Color	-	Visual	Transparent / Fluorescent blue green	
Density at 20°C	kg/l	ASTM D 4052	1,074	1,122
Non-diluted pH	-	ASTM D 1287	8,05	7,2
Reserve alkalinity at pH 5.5	ml HCl 0.1N	ASTM D 1121	7	14
Freezing point	°C	ASTM D 3321	<-37	<-37 Dilution 50% v/v

The values of typical specifications shown in the table are average values provided for information only. These values may be changed without prior notice.

STORAGE AND HANDLING

XTAR SUPER COOLANT HYBRID NF has a shelf life of at least 3 years when stored in a closed container at temperatures below 30°C.

Do not store in galvanised steel containers as they may corrode.

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.