

### Antifreeze Special

#### All Season Special Antifreeze

#### PRODUCT DESCRIPTION

**Antifreeze Special**, is a concentrate coolant based on ethylene glycol. It is formulated with corrosion inhibitor package containing organic acid salts and silicate compounds. It is free from nitrite, amine and phosphate.

#### APPLICATIONS

- It is suitable to use in engine coolant systems of passenger vehicles, light commercial and heavy commercial vehicles, agricultural and construction equipments all season.
- It is especially recommended for engine coolant systems made from iron and aluminum alloy.

#### CHARACTERISTICS

- Antifreeze Special only mix with engine coolants containing silicate. It should not be mixed with Organic Acid Technology antifreezes.
- It provides reliable corrosion protection in engine coolant systems such as radiator, cylinder blocks, water pump etc.
- It should be diluted with water before use. The antifreeze ratio in mixture should not be less than 33% and more than 67%.
- It should not be used with extremely hard water, sea water, salty water and waste water.

#### APPROVALS

- DEUTZ TR-0199-99-1115

#### PERFORMANCES

- ASTM D 4985/3306
- AFNOR NF R 15-601
- BMW N 600 69.0
- BS 6580:1992
- JENBACHER TA-Nr. 1000-0201
- LIEBHERR TLV 035/23009 A
- MAN 324 TYP NF
- MB-APPROVAL 325.0
- MTU MTL 5048
- OPEL/GM B 040 0240
- ÖNORM V 5123
- PORSCHE 968/944/928/924
- SAE J1034
- VW TL 774-C

### TYPICAL PROPERTIES

Colour		Turquoise
Density@20°C, g/ml	ASTM D 4052	1,122
Pour Point, °C	ASTM D 1177	
%50 Antifreeze Special+%50 Water		-38
%33 Antifreeze Special+%50 Water		-18
Boiling Point, °C	ASTM D 1120	>165
Flash Point, °C	ASTM D 92	>120
pH	ASTM D 1287	7,2
Reserve Alkalinity, ml	ASTM D 1121	14,0

### HEALTH AND SAFETY RECOMMENDATIONS

Waste products must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste product, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

*The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.*

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