Shell Glycoshell, Diluted
Automotive fluid

Shell Glycoshell, Diluted is a 50% solution of phosphate and nitrite-free, low silicate, anti-freeze and purified water for engine cooling systems. The product requires no field dilution and eliminates guesswork in preparing coolant mixtures. It may be used as a direct top-off for compatible coolants.

Applications

- It is an advanced formulation designed for use in modern water cooled gasoline and diesel engines.
- The advanced corrosion inhibitor technology used imparts particularly good corrosion protection in modern engines.

Performance Features

- ***High Quality Product***
  Shell Glycoshell, Diluted does not contain any Nitrites, Amines or Phosphates (N.A.P. free) and is thus more environmentally friendly. In addition, it is hard water stable and is fully compatible with elastomers and rubbers present in most automotive cooling systems.

- ***Multiple Vehicle Performance***
  Shell Glycoshell, Diluted is suitable for use as a antifreeze/coolants in most automobiles and light-duty trucks. It is based on hybrid, low-silicate technology suitable for protection of aluminium and cast iron engines.

Performance Specifications

Meets the approval of :

- BMW N600 69.0, GM B 040 0 240 and QL 130 100
- Renault 41-01-001 Type D
- SAAB 6901599,
- Volvo 1286083
- MTU MTL5048
- KHD, BWB TK-BA2-3-6850-008
- MAN 324, Type NF
- Mercedes Benz DBL 7700.00, 325.0
- VW/Audi/Seat/Skoda TL774C
- Duetz 0199-99-1115

Glycoshell, Diluted antifreeze/coolant meets the performance requirements of ASTM D 3306, ASTM D 4985, and SAE J 1034.

OEM	Specification
Audi	TL-774 C
Bundeswehr	TL-6580-0038/1
BMW	BMW N600 69.0
KHD	H-LV 0161 0188
MAN	MAN 324 Type NF
Mercedes Benz	DBL 7700.02 /Page 325.0
MTU	MTL 5048
Opel/ General Motors	B 040 0240 GM QL 130 100
Porsche	TL-774 C
Saab	6901599
Scania	TB 1451
Seat	TL-774 C
Skoda	TL-774 C
Volvo	128 6083
VW	TL-774 C
Deutz	TR 0199-99-1115

In conjunction with Supplementary Cooling Additives (SCA), Glycoshell, Diluted will provide protection suitable for most heavy-duty truck applications. When providing addition to an existing coolant, levels of inhibitors should be verified prior to use of SCA's.

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variation in these characteristics may occur.

It is recommended to use Glycoshell, Diluted direct into the cooling system without further dilution. As an engine coolant it will provide :

- Reduced freezing point to guard against frost
- Elevated boiling point to prevent over-boiling
- All round corrosion protection of the cooling system

Health & Safety

Shell Glycoshell, Diluted is unlikely to pose any health or safety hazards, provided good standards of personal and industrial hygiene are observed.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

Glycoshell, Diluted is based on monoethylene glycol which is toxic to humans and animals. This product is provided with a bittering agent to make it less palatable to consume. As with any product of this type, adequate precautions should be taken to prevent accidental ingestion.

Protect the environment

Take used antifreeze/coolant to an authorised collection point. Do not discharge into drains, soil or water.

Advice

Advice on applications not covered in this leaflet may be obtained from your Sales Representative.

Characteristics

Shell Glycoshell, Diluted	
Density @ 20℃ kg/l	1.122
Flash Point℃ (IP 34) (Pensky-Martens Closed Cup)	118
Boiling Point, CC., ℃	120
Colour, visual	Blue
Reserve Alkalinity, mL HCL, 0,1 mol/L	13-15
pH	7.1-7.3
Water Content, % m	50
Freeze Point, ℃	-37