Trent Pink Antifreeze

Ethylene Glycol based coolant

technical data

Description

Trent Pink Antifreeze is an ethylene glycol-based coolant concentrate which provides all year-round frost and corrosion protection. This product contains an inhibitor package based upon Organic Acid Technology (OAT) containing a bittering agent and is red in appearance.

Application

Trent Pink Antifreeze can be used in all engines including those constructed from aluminium alloys. It is recommended to dilute the material 50 vol. % in the final coolant solution allowing frost protection to -37°C

Benefits

- Offers outstanding protection against corrosion, overheating and frost.
- `Long life` antifreeze.
- The exceptional thermal stability eliminates the risks of deposits particularly near the cylinder head, engine block, radiator, water pump and heat exchanger.
- Nitrite, Amine, Phosphate (NAP Free), Borate and Silicate free.
- Meets the requirements of ; BS 6580

Typical Properties (not a specification)	Inspection Data	ASTM D3306
Appearance @ 20°C	Clear RED Liquid	Not specified
Relative Density, 15.5/15.5°C	1.120	1.110-1.145
Freezing Point (°C) 50 vol. %in DI water	-37.0°C	-36.4°C max
Boiling Point (°C) 50 vol. %in DI water	109°C	108°C min
pH, 50 vol. %in DI water	7.9	7.5-11.0
Reserve Alkalinity @ pH 5.5	3.0 typical	Report
Foaming Properties (ASTM D1881) Vol. (ml) Break (s)	Pass Pass	150 max 5 max

Health and Safety

Please refer to the relevant Trent Safety Data Sheet.

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Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Trent Oil Lubricants Ltd. assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Trent Oil Lubricants Ltd.

TRENT LUBRICANTS

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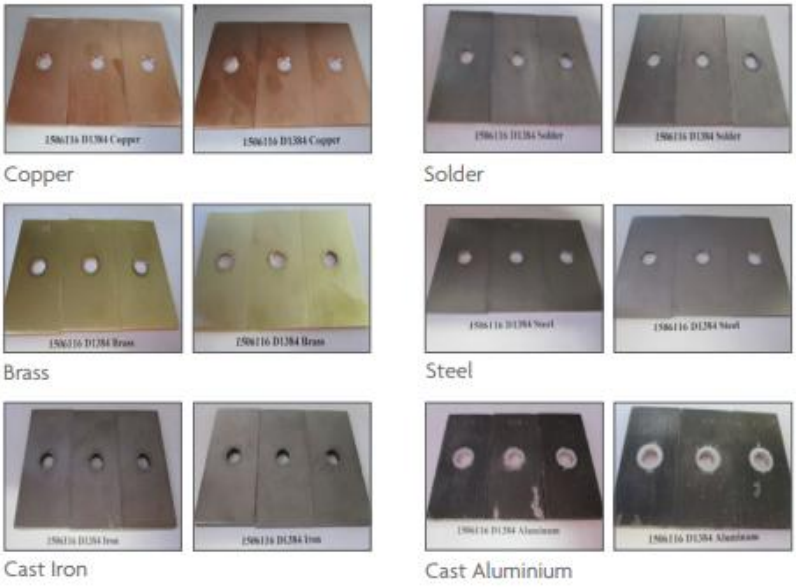
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CORROSION PROTECTION

Glassware corrosion test - ASTM D 1384

ASTM D 1384[1] Test Results					
ASTM D 1384	Specimen Corrosion Weight Loss (mg)				
Specimen	#1	#2	#3	Avg	Max**
Copper	1	1	1	1	10
Solder	1	1	0	1	30
Brass	1	1	1	1	10
Steel	1	1	1	1	10
Cast Iron	0	2	2	1	10
Cast Aluminium	4	6	4	5	30

*** Maximum corrosion weight loss as specified by ASTM D3306*



Copper Solder Brass Steel Cast Iron Cast Aluminium

Corrosion of Aluminium under heat rejecting conditions - ASTM D 4340

ASTM D 4340[1] Test Results			
Run #1 Weight Loss ($mg/cm^2/wk$)	Run #2 Weight Loss ($mg/cm^2/wk$)	Average Weight Loss ($mg/cm^2/wk$)	ASTM Limit ** ($mg/cm^2/wk$)
-0.08	-0.02	**-0.05**	**1.00**

*** Limits published in ASTM D3306 Standard Specification for Glycol Base Engine Coolant for Automobile and Light Duty Serive. These performance limits are also required for heavy-duty coolants and recycled coolants. A negative number indicates a net weight gain after correcting the cleaning blank. (Refer to the published method for information on the calculations.*

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