

COOLANT



COOLANT / ANTIFREEZE

CEPSA SUPER COOLANT



DESCRIPTION

Antifreeze-Coolant manufactured with ethylene glycol and a modern package of low-toxicity and eco-friendly corrosion inhibitors of organic technology, which provides long life protection for all cooling system components of the internal. It does not contain amines, nitrites, phosphates, silicates or borates

PRODUCT APPLICATIONS

- As antifreeze/coolant in internal combustion engines.
- Ready mix products 35% and 50
- The Pure product must be diluted with deionized water in the appropriate proportion to achieve the necessary protection.
- Before adding the antifreeze product, a preliminary cleaning of the cooling circuit is recommended.

PRODUCT PERFORMANCE

- Excellent anti-corrosive protection for all metals and alloys in the circuit.
- Good anti-foam characteristics.
- High boiling point.
- Excellent antifreeze performance.
- Excellent behavior with seals and elastomers.
- Non depleting corrosion inhibitor technology offers free maintenance of the cooling system.
- For the SUPER COOLANT PURE the protection temperatures depending on the dilution are:

| Super Coolant Pure Dilution (%) | Max. Protection temperature |
|---------------------------------|-----------------------------|
| 33% | -19°C |
| 40% | -27°C |
| 50% | -37°C |

SPECIFICATION

- UNE 26.361.88/1
- JASO M325
- MAZDA/MITSHUBISI
- MAN 324 type SNF
- CATERPILLAR
- MTU MTL 5048
- CHRYSLER MS-12106
- WÄRTSILÄ 32-9011
- SAE J-1034
- NATO S-759
- MERCEDES 325.3
- SCANIA
- OMATSU
- ASTM D3306/D4656/D4985
- VWTL 774 D/F (G-12+)
- RENAULT 41-01-001S type D
- VOLVO 128 6083/002
- JOHN DEERE JDMH5
- ULSTEIN-BERGEN
- OPEL/GM 6277M (+B040 1065)
- FORDWSS-M97B44-D/E
- TATA MOTORS
- JENBACHER TA1000-0201
- DEUTZ-MWM
- BS 6580

TYPICAL CHARACTERISTICS

| CHARACTERISTIC | UNITS | METHOD | CEPSA SUPER COOLANT | | |
|--------------------------------|-------------|-------------|---------------------------------|-------|----------------------|
| | | | 35% | 50% | PURE |
| Appearance / Color | - | Visual | Transparent/ fluorescent violet | | |
| Density at 20°C | Kg/l | ASTM D-4052 | 1,049 | 1,068 | 1,113 |
| Boiling point | °C | ASTM D-1120 | 105 | 108 | 180 |
| Freezing Point | °C | ASTM D-3321 | -20 | -37 | -37 (diluted to 50%) |
| pH | - | ASTM D-1287 | 8,4 | 8,6 | 8.4 (diluted to 33%) |
| Reserve alkalinity at (pH 5.5) | ml 0.1N HCL | ASTM D-1121 | 2,1 | 3,0 | 6,0 |
| Corrosion of metals | - | ASTM D-1384 | OK | OK | OK |

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.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.