

## ULTRA HI-TECH SI-OAT CONCENTRATE

### Product Description:

COOLTEMP ULTRA HI-TECH SI-OAT Concentrate is a “Very-Long-Life” monoethylene glycol based engine coolant which uses Organic Acid Inhibitor Technology (OAT) in combination with silicate. It is free from Nitrites, Amines, Phosphates and Borates.

It's suitable for use in Diesel Engines found in On-Highway, Agricultural and Off-Highway Construction equipment is also suitable for some Petrol & Diesel Passenger vehicle engines

### SPECIFICATIONS

#### INTERNATIONAL

AFNOR NF R 15-601, ASTM D3306, ASTM D4985, BS 6580 (2010), CUNA NC 956-16, SAE J 1034

#### OEM:

CUMMINS CES 14603

DAIMLER/MB-325.5 & 325.6

MAN 324 TYPE SI-OAT

SCANIA TB 1451

TSIO/C2153/BG40

VW, SEAT, AUDI, SKODA, PORSCHE : VW TL 774 G (G12/G12++)

#### Typical Test Data:

|  |                               |                    |
|--|-------------------------------|--------------------|
| <b>Appearance</b>                        | <b>Lilac liquid</b>           |                    |
| <b>Density at 20 °C</b>                  | <b>1.119 g/cm<sup>3</sup></b> | <b>ASTM D 4052</b> |
| <b>pH (50% vol in water)</b>             | <b>8.3</b>                    | <b>ASTM D 1287</b> |
| <b>Freezing Point (50% vol in Water)</b> | <b>-37.4 °C</b>               | <b>ASTM D 1177</b> |
| <b>Boiling Point</b>                     | <b>172°C</b>                  | <b>ASTM D 1120</b> |
| <b>Reserve Alkalinity (ml HCl N/10)</b>  | <b>6.5 ml</b>                 | <b>ASTM D 1121</b> |
| <b>Water Content</b>                     | <b>3% wt</b>                  | <b>ASTM D 1123</b> |
| <b>Foaming Characteristics at 88 °C</b>  |                               | <b>ASTM D 1881</b> |
| <b>Height</b>                            | <b>35 ml</b>                  |                    |
| <b>Breaktime</b>                         | <b>1.s</b>                    |                    |

#### **Storage and Handling**

Coolant/ Antifreeze has a shelf life of at minimum four years when stored in air-tight containers at a maximum temperature of 30°C. Translucent containers should not be stored outside in direct sunlight, especially in warm climates. Coolant can be stored in mild steel, lacquer lined or HDPE containers. As with any glycol-based engine coolant the use of galvanized steel is not recommended for pipes or any other part of the storage/mixing installation. Disposal of used or unused coolant must be carried out in accordance with local and national law, consult the material safety data sheet for further information.