

# Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant

## Long-Life Hybrid Silicated Organic Acid Technology Coolant 33% Pre-Diluted

**Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant is a 'ready to use' low silicate, phosphate-free, nitrite free and amine-free, fully formulated, hybrid organic acid technology automotive and heavy-duty diesel engine coolant. This product does not require a charge of supplemental coolant additive (SCA) during the initial fill. Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant has been designed for use in both automotive and heavy-duty applications. This product is ready to use and requires no further dilution with water.**

### Applications

Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant can be used in both automotive and heavy-duty applications, and is compatible with heat rejecting aluminium surfaces. This product is 'ready-to-use' and should not be diluted further with water. It is suitable for use in both Petrol and Diesel powered engines.

This product is particularly suited in applications which require a hybrid technology which is low-silicated, and NAP Free (nitrites/ amines/ phosphates free). This product is 'ready to use' and requires no further dilution with water.

### Performance Features and Benefits

- **Long life hybrid organic acid technology**  
In Petrol Engine applications, this product is suitable for up to 5 years or 250,000km, whichever comes first. In Diesel applications, the product is suitable for up to 1,000,000km or 12,000 hours prior to first SCA addition requirement, whichever comes first.
- **No initial charge SCA requirement**  
When used in long haul or heavy-duty applications, there is no need to charge initially the fresh coolant with SCAs.
- **Universal use**  
Meets or exceeds standard industry requirements for automotive and heavy-duty diesel applications.
- **Widely compatible with other coolants**  
Product is widely compatible with other engine coolants; although to get best performance it is best to flush the old coolant and replace with

Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant.

### Specifications and Approvals

Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant is recommended for use in the following engine coolant specifications:-

|             |                             |
|-------------|-----------------------------|
| ASTM        | D 3306 / D 6210-10 / D 7583 |
| AS/NZS      | 2108:2004 Type A            |
| JIS         | K2234                       |
| BS          | 6580                        |
| SAE         | J1034/J1941                 |
| Cummins     |                             |
| DDC         | 93K217, 7SE 298             |
| MAN         | 324                         |
| MTU         | MTL 5048                    |
| MB          | DBL 7700.00                 |
| Saab/Scania | 6901                        |
| Renault     | Type D                      |
| VW          | TL 774C                     |

### Health & Safety

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Recochem representative.

### Protect the Environment

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

### Shelf Life

When stored undercover, away from moisture and direct sunlight, this product should be suitable for use for up to two years after manufacture.



### Typical Physical and Chemical Characteristics

| <b>Reco-Cool Long-Life OAT Si-Formula 33% Pre-Diluted Antifreeze/ Coolant</b> | <b>Method</b> | <b>Units</b> | <b>Performance</b>               |
|---|---------------|--------------|----------------------------------|
| Appearance  | Visual        |              | Ice Blue, Clear and Bright fluid |
| pH (as sold)  | ASTM D 1287   |              | 7.5 – 9.0                        |
| Reserve Alkalinity  | ASTM D 11121  | mL 0.1N HCL  | 6.0 min                          |
| Specific Gravity (15 DegC)  | ASTM D 1122   | kg/L         | 1.040 – 1.060                    |
| Total Glycol  |               | % w/w        | 31.0 – 34.0                      |
| Freeze Point (as sold)  | ASTM D 1177   | Deg C        | -17                              |
| Chloride  | ASTM D 3634   | ppm          | 25 max                           |

These characteristics are typical of current production. Whilst future production will conform to Recochem’s specification, variations in these characteristics may occur.

