

# Revolution Oil

A New Generation of Lubricants

Revolution Oil Limited  
Dagnall Road  
Great Gaddesden  
Hemel Hempstead  
Hertfordshire  
HP1 3BP  
England

Tel: +44 (0) 1442 842999  
Fax: +44 (0) 1442 842777

[www.revolutionoil.co.uk](http://www.revolutionoil.co.uk)

[sales@revolutionoil.co.uk](mailto:sales@revolutionoil.co.uk)  
[enquiries@revolutionoil.co.uk](mailto:enquiries@revolutionoil.co.uk)

Registered in England & Wales  
No.4356026

VAT Reg No.GB 815 3964 16

## Technical Data Sheet

### Si OAT Antifreeze



## Si OAT Antifreeze

### Antifreeze

#### **Description**

Oat Si Antifreeze is an ethylene glycol based engine coolant concentrate, which uses Organic Acid Inhibitor Technology in combination with silicate and is free from nitrites, amines, phosphates, borates. Fleet trials have shown that when used at the correct concentration coolants based of Organic Acid Inhibitor Technology continue to provide effective corrosion protection for up to 250,000km for passenger cars and 500,000km in commercial vehicles. It is recommended that the coolant is replaced when the above mileages have been reached or after 5 years whichever is the sooner. Unlike traditional coolants which employ inorganic inhibitors this product has excellent hard water stability and very low inhibitor depletion rates.

#### **Application/Compatibility with Other Coolants**

OAT Si Antifreeze is compatible with other ethylene glycol based coolants and can be safely mixed with them. The Oat Si Antifreeze employs an inhibitor technology that is significantly different from that used in traditional coolants. We recommend that prior to using this product the cooling system is drained and flushed with clean water in accordance with the vehicle manufacturers instructions. Failure to do so can significantly reduce the working life of this product.

We would recommend a 50 % dilution of OAT Si Antifreeze with good quality water.

#### **Performance Level**

Exceeds the requirements of most European and International Standards including: ASTM D3306, ASTM D 4985, SAE J 1034, BS 6580 (2010), AFNOR NF R15601, CUNA NC 956-16, UNE 26361-88, JIS K 2234, NATO S 759

Passenger Cars: VAG TL 774 G

VW, AUDI, SEAT, SKODA, BENTLEY, LAMBORGHINI, MERCEDEZ BENZ

Heavy Duty: MB 325.6, MAN 324 TYP Si OAT, SCANIA TB145, CUMMINS CES 14603, MTU MTL5048

#### **Inspection Data**

	Method	
Appearance	Visual	Lilac

Specific Gravity 15 degrees centigrade	ASTM D 4052	1.125
Boiling Point degrees centigrade	ASTM D 1120	167
Freezing Point degrees centigrade	ASTM D 1177	-38
(50% dilution by volume)		
PH (50% volume)	ASTM D 1287	8.4
Reserve Alkalinity 0.1 NHCl	ASTM D 1121	9.0
Water Content	ASTM D 1123	4
Foaming Properties	ASTM D 1881	40 (vol ml)1 (break)

\*\*In line with our policy of continued improvement, Revolution Oil Ltd reserves the right to change specification and availability without prior notice. E and O E.\*\*