



Opticool Antifreeze SOAT (Lilac)

Monoethylene glycol based silicate OAT antifreeze concentrate

Product code: D032

Product Description:

Opticool Antifreeze SOAT (Lilac) is a monoethylene glycol based engine coolant concentrate, which uses Organic Acid Inhibitor Technology in combination with silicate and is free from nitrites, amines, phosphates and borates.

Fleet trials have shown that when used at the correct concentration coolants based on 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, Opticool Antifreeze SOAT (Lilac) has excellent hard water stability and very low inhibitor depletion rates.

Recommended Dilutions:

Concentration (by volume)	25%	33%	40%	50%	60%
Freeze Protection (°C)*	- 12	- 22	- 27	- 40	- 56

*Average of freezing point and pour point.

Applications:

Opticool Antifreeze SOAT (Lilac) is recommended for use in a wide variety of passenger car applications including Volkswagen, Audi, Skoda, Seat, Mercedes-Benz and Porsche. It is also an ideal choice for use in a number of commercial vehicles including models from MAN and Mercedes-Benz as well as being the technology of choice in Scania Euro 6 vehicles. Additionally, Opticool Antifreeze SOAT (Lilac) can be used in a variety of off-highway applications where one of the following specifications is required.

Product Specification:

Opticool Antifreeze SOAT (Lilac) exceeds the requirements of the following European & International Standards:

ASTM D3306 SAE J 1034 BS 6580 (2010) ASTM D 4985 AFNOR NF R15-601*
CUNA NC 956-16 UNE 26361-88 JIS K 2234* NATO S 759

(* with the exception of reserve alkalinity)

Opticool Antifreeze SOAT (Lilac) meets the requirements of the following vehicle/engine manufacturers' OEM specifications:

VAG TL 774 G

Opticool Antifreeze SOAT (Lilac) can be used where either Glystantin® G40 or GG40 were originally recommended.



TECHNICAL DATA SHEET

Typical Test Data:

Appearance	Clear lilac liquid
Water Content (% w/w)	4.0
Density at 15°C (kg/l)	1.125
Reflux Boiling Point (°C)	167
pH (50% v/v in Deionised Water)	8.4
Reserve Alkalinity (ml 0.1N HCl)	9.0