



Opticool Antifreeze P-OAT

Monoethylene glycol based phosphated OAT antifreeze

Product code: D046

Product Description:

Opticool Antifreeze P-OAT is a monoethylene glycol based antifreeze and is recommended for use in new model Asian automotive vehicles and light duty trucks requiring a phosphate-based OAT engine coolant. This long life product protects the coolant system metals using corrosion inhibitor technology that is free from silicates, borates, nitrites and amines. Phosphate is a key component along with organic additives that provide excellent protection at high temperatures, especially to aluminium.

Application:

Opticool Antifreeze P-OAT is suitable for modern Asian vehicles requiring the use of a phosphated OAT product. Examples of such are Acura, Honda, Infiniti, Lexus, Nissan, Scion, Subaru, Suzuki and Toyota.

Opticool Antifreeze P-OAT is an extended life antifreeze which should be replaced every five years or every 150,000 km for passenger vehicles or every 500,000 km for trucks and commercial vehicles. Original Equipment Manufacturers' recommendations should be followed when changing out cooling systems.

Recommended Dilutions:

Concentration (by volume)	25%	33%	40%	50%	60%
Specific Gravity @ 20°C	1.030	1.045	1.060	1.074	1.087
Freeze Protection (°C)*	- 12	- 22	- 27	- 40	- 56

*Average of freezing point and pour point.

Opticool Antifreeze P-OAT is formulated to be able to cope with all water qualities and is compatible with hard water, however use of deionised or demineralised water is recommended.

Product Specification:

ASTM D3306, ASTM D4656, BS 6580: 2010, JIS K2234 , SAE J 1034

Opticool Antifreeze P-OAT is recommended for service fill in the following applications or where these OEM genuine fluids were originally required:

Ford WSS-M97B57-A1, Ford WSS-M97B57-A2, Toyota TSK 2601G-8A, Honda Type 2 Coolant, Mazda FL22, Mitsubishi Dia Queen Super Long Life Coolant, Genuine Nissan Engine Coolant L255N, Subaru Coolant 16218, Suzuki Super Long Life Coolant



TECHNICAL DATA SHEET

Typical Test Data:

Appearance	Dark blue-green liquid
Water Content (% w/w)	4.5
Density at 20°C (kg/l)	1.134
Reflux Boiling Point (°C)	172
pH (50% v/v in Deionised Water)	8.1
Reserve Alkalinity (ml 0.1N HCl)	11