

ANTI-FREEZE

What does an engine coolant do?

The primary function of a coolant is to remove heat from the engine. A coolant protects the engine block, water pump, radiator, heater core and thermostat (coolant system components) from corrosion. It also prevents the build-up of scale to keep the cooling system working efficiently in removing the extreme heat from the engine.

Are all coolants the same? If not, what is the difference?

No. High quality coolants such as those found in the Odessa coolant range meet specific engine coolant performance standards for automotive and heavy duty petrol/ diesel applications. Additionally, the ethylene glycol content, corrosion inhibitor package performance, anti-foaming, scale inhibitors, and heat transfer levels can differ. The Odessa range meets many European and International Standards.

Why do I need a quality formulated coolant?

High quality coolants provide the best corrosion and cooling protection for a vehicle's cooling system and engine. Modern car engines are lighter and more efficient because they are made from aluminum alloys. They have thinner castings making the need for quality coolants essential in providing efficient heat transfer.

How do I change the engine coolant?

Read and follow the product labelling for handling guidelines. Drain and flush the engine cooling system thoroughly with clean water. Fill the cooling system with premixed engine coolant. When premixing concentrate coolant always use good quality water (demineralised or distilled water). Run the engine for 10 minutes. After the engine has been run, check the coolant level is correct. Maintain regular checks and if required top up with premixed coolant. Coolant should not be diluted below the recommended rate or mixed with other coolants. If spilled onto paint work flush immediately with water.

When do I change my engine coolant?

1. After any repairs or replacement to any engine cooling system component.
2. When the coolant has been contaminated or topped up with water.
3. When the warranty period of the coolant has expired.

Can I mix coolants?

In general, if coolants are mixed the corrosion inhibitor stability and performance may be compromised. Azure Liquid Solutions does not recommend the mixing of different coolants.

Can I use tap water?

No. Tap water does not contain any corrosion inhibitors and is corrosive. Additionally, it does not provide the anti-boil and anti-freeze protection that an ethylene glycol coolant provides. Water top ups on cooling systems have a negative effect on coolants as they increase the dilution rates of corrosion inhibitors (lowers the cooling system protection). Always top up with premixed coolant.

How should I dispose of my old coolant?

Observe state and local regulations governing disposal of old coolant. Do not drain into the ground or into storm water drainage systems.