

Liquid Intelligence

239

Product Code

Technical Data Sheet

DESCRIPTION:

Liquid Intelligence 239 Engine Cooling System Twin Pack Cleaning Kit is a very safe to use combination of strong cleaners, pH neutralises and corrosion inhibitors.

Part A cleaner completely dissolves insulating build-up of ferrous and mineral scale and optimizes heat transfer and general efficiency of the entire cooling system.

Part B deactivates the chemical cleaning action of the Part A Cleaner. It also cleans oil residue, neutralizes pH and passivates cooling system metal surfaces to inhibit corrosion.

Liquid Intelligence 239 Cleaning kit is safe to use on Copper, Solder, Brass, Steel, Cast Iron and Cast Aluminium

Liquid Intelligence 239
Engine Cooling
Systems Cleaning
Kit

Part A & Part B

Directions for Use

MSDS & Service Bulletins @
www.liquidintelligence.com.au

- Full Analytical Test Laboratory
- Qualified Technical Support
- Advanced Engineered Chemistry

Directions for Use

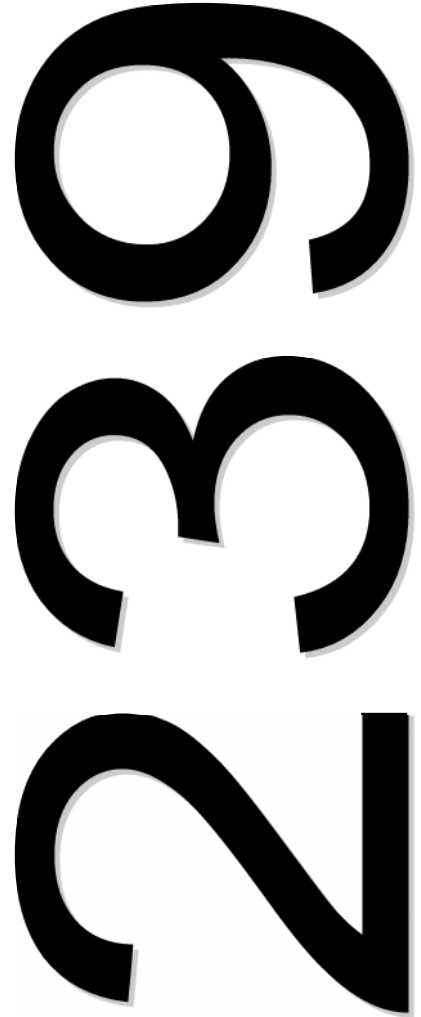
PART A:

1. Remove coolant by disconnecting bottom radiator hose.
2. Drain the cooling system and flush completely.
3. Replace bottom radiator hose
4. Mix the required dosage of Part A cleaner in a separate container with about 3 to 5 litres of hot tap water. Stir until completely dissolved.
5. (Dosage Rate: one spoon full of Part A powder per litre of cooling system capacity).
6. NEXT: Late Model Vehicles Instructions.
Pour the pre-mixed solution of Part A cleaner into the radiator and then top up the radiator with tap water. Re-circulate Part A cleaning solution throughout the cooling system, with the radiator cap on for three hours by periodically starting and idling the engine up to operating temperature every ten to fifteen minutes. Engine temperatures should remain at an average of 70°C for this period. Now skip down to number eight.
7. NEXT: Vintage, Classic, Farm and Truck Vehicle Instructions.
Pour the pre-mixed solution of Part A cleaner into the radiator and then top up the radiator with tap water, replace the radiator cap. Idle the engine up to operating temperature to allow the thermostat to open. Then circulate Part A cleaning solution throughout the cooling system for about 10 minutes until it is fully mixed with the tap water, and then switch off. Allow the Part A Solution to work in the cooling system for three to seven days.
8. Drain the Part A Cleaning solution from the cooling system by disconnecting bottom radiator hose. Flush with clean water for 5 minutes through the radiator inlet
9. Replace bottom radiator hose
10. Refer to Part B label for second part of cleaning.

Directions for Use

PART B:

1. For the second phase of cleaning, mix the required dosage of Part B conditioner in a separate container with about 3 to 5 litres of hot tap water. Stir until completely dissolved.
(Dosage Rate: one spoon full of Part B powder per litre of cooling system Capacity.)
2. Pour the pre-mixed solution of Part B conditioner into the radiator and then top it up with tap water. Idle the engine up to operating temperature to allow the thermostat to open. Then circulate Part B conditioner solution throughout the cooling system for 15 to 20 minutes, and then switch off the engine. Allow the Part B to stay in the cooling system and work for a minimum of 12 hours.
3. Drain the Part B Conditioner solution from the cooling system by disconnecting bottom radiator hose. Then re-connect bottom hose and fill the cooling system with tap water. Run the engine until the thermostat opens and then allow the water to circulate for 5 to 10 minutes. Then flush the cooling system again. Repeat the process several times until the flush water and cooling system is clean and clear.
4. Replace bottom radiator hose.
5. Recharge the clean cooling system with a coolant or corrosion inhibitor of choice.



Liquid Intelligence Pty Ltd

14 Underwood Ave Botany
 NSW 2019 Australia
 Phone (02) 9700 088
 Fax (02) 9700 0881
 Email sales@liquidintelligence.com.au
 Web www.liquidintelligence.com.au