PRODUCT INFORMATION SHEET

WYNN'S PREMIUM RADIATOR FLUSH
Product Number: 65312 325 ml

WYNN'S PREMIUM RADIATOR FLUSH is a radiator cleaner, formulated to take maximum advantage of the best features of the cooling system, and is both easy and safe to use by persons not having special skills or training. When used as directed, it will promote cooling system efficiency and better engine performance.

Introduction

Cooling system failure is the leading cause of mechanical breakdown on the highway. Rust, corrosion, scale build-up, chemical breakdown and the formation of acids, all contribute to the liklihood of cooling system failure. If the cooling system fails, the engine and/or transmission could suffer severe damage, leading to costly repairs.

Advantages

- REMOVES RUST, GREASE, SLUDGE AND SCALE

While the damaging effects of rust in cooling systems is generally recognised, the harmful effects of grease and sludge are often overlooked. Sludge-forming oil enters the cooling system through leaky head gaskets and the use of inferior quality soluble oil type corrosion inhibitors which rapidly break apart. This type of cooling system contamination results in sludge accumulation in the radiator and reduced coolant flow unless removed by regular flushing.

Water contains dissolved inorganic matter which is present in the composition of soil and rock materials, which the water comes into contact with.

Because of its origin, water contains different amounts and types of scale forming solids, such as calcium, magnesium and silica.

Scale acts as an insulator and reduces the amount of heat that has to be transferred away into the cooling system.

For example, 0.75mm of scale has the same insulating properties of 5cm of steel.

Scale formation is of particular concern in large cooling systems where scale build-up traps heat and eventually causes engine problems.

- NO NEUTRALISER NEEDED

Strong acid or strong alkali type radiator cleaners not only clean "too clean" to the extent of re-opening small holes that have been sealed over by rust and/or scale, but also continue to attack cooling system components until stopped by a neutralising agent despite thorough flushing of the system with water. Wynn's Premium Radiator Flush contains no harsh acid or alkali compounds and can be used safely by motorists without any neutralising steps being required.

- HARMLESS TO ALUMINIUM

Wynn's Premium Radiator Flush is not only safe for the usual cast iron engine blocks and component parts but also for aluminium engine blocks. It has been particularly inhibited to make it harmless to aluminium alloys and other special alloys employed in cooling systems.

- HARMLESS TO RADIATOR HOSES OR GASKETS

Because it is a specifically formulated radiator cleaner, Wynn's Premium Radiator Flush will remove rust, scale, sludge, grease and other foreign materials from automotive cooling systems without damage to hoses, gaskets, metals or other cooling system components.

<u>Benefits</u>

Wynn's Premium Radiator Flush has been formulated to provide the following benefits:-

- Cleans radiators quickly and safely.
- Removes rust, sludge and scale deposits.
- Restores coolant flow and heat transfer efficiency.
- Safe with aluminium and other metal components.

- Compatible with cooling system components, hoses and gaskets.

Applications

Wynn's Premium Radiator Flush safely removes rust, grease and sludge from the entire cooling system without damage to any part.

Follow vehicle manufacturer's recommended flushing procedures. Drain radiator and re-fill with fresh water. Add entire contents of bottle of Wynn's Premium Radiator Flush to radiator and replace radiator cap. With heater on, run engine for 10 minutes. Stop engine and open cooling system drain. Start engine. With engine idling, flush radiator until water runs clear. Stop engine. Close drain and re-fill with the recommended Wynn's coolant. Idle engine until operating temperature is reached. Inspect for leaks. To prevent and stop cooling sytem leaks, use Wynn's Premium Radiator Stop-Leak. Follow air-bleeding procedures as per manufacturer's instructions. When engine cools, re-check the coolant level.

Typical Characteristics

Appearance	Clear Thin Liquid
Colour (Visual)	Green
Flash Point (°C)	None
Boiling Point (°C)	100
pH (Concentrate)	11.0
pH (3% vol in Distilled Water)	9.6
Density @ 20°C	1.000
Foam Break (seconds)	3 (3% vol in Distilled Water