



## PRODUCT INFORMATION SHEET

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WYNN'S PRO HEAVY DUTY ENGINE COOLANT  
Date of Issue September 2016

# WYNN'S PRO HEAVY DUTY ENGINE COOLANT

Green Concentrates

20 Litre - 52520

205 Litre - 52505

Red Concentrate

20 Litre - 53520

Green Premix

205 Litre - 54505

WYNN'S PRO HEAVY DUTY ENGINE COOLANT is the latest development in extended life anti-boil, anti-freeze glycol concentrates (or premix) technology. It is an advanced blend of Organic Long Life Inhibitor Technology.

The revolutionary approach of blending carboxylate inhibitors for maximum corrosion protection of aluminium alloys, and ethylene glycol for anti-boil, anti-freeze protection, provides a long life coolant with performance advantages over conventional anti-boil, anti-freeze coolants.

### Introduction

Many years ago, you were able to use plain water with perhaps a little soluble oil in a vehicles cooling system. These older engines were predominately heavy lumps of cast iron and although corrosion was occurring, it was happening at a rate that would outlast the car itself! Fast forward to today's modern vehicles, and we now have mixed metal and all alloy cooling systems in engines that produce significantly more horsepower per litre, generating enormous amounts of heat. To dissipate this heat a very effective and efficient cooling system is required. Along with the radiator, water pump and thermostat, coolant is critical to a proper functioning cooling system.

This has led to the development of Wynn's PRO HEAVY DUTY ENGINE COOLANT. Formulated to meet the demands of today's modern cooling systems.

### Benefits

**DOES NOT CONTAIN: PHOSPHATES, BORATES, SILICATES, AMINES, NITRATES OR TANNINS.**

- 10 years or 1,000,000 km service life (whichever comes first) when used as recommended
- Anti-boil protection
- Corrosion protection
- Anti-freeze protection
- Automotive, Truck, Bus, Stationary Engines and Marine application

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The data concerning properties and applications of the indicated products are offered in good faith and are based on our research and practical experiences. Due to the versatility of the application possibilities, it is impossible to mention all details and we do not assume any obligations or responsibilities resulting from this. When a new edition appears due to technical development, the preceding data is no longer valid



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### Applications

WYNN'S PRO HEAVY DUTY ENGINE COOLANT has been formulated for use in the cooling systems of petrol and diesel engines of cars, trucks, buses, off-road equipment, stationary engines and ships.

**Note:** Care should be taken with heavy duty diesel equipment if using coolant filters pre-treated with dichromates. Dichromates plus glycol and/or additional treatment can give a brownish silicate precipitate (mud-like). Where dichromates are not used, no problem exists. WYNN'S PRO HEAVY DUTY ENGINE COOLANT is safe with all Cooling System Components.

WYNN'S PRO HEAVY DUTY ENGINE COOLANT exceeds the performance requirements of the Australian and New Zealand Standard AS/NZS 2108.1:2004 as a "TYPE A" coolant concentrate.

**Standards:** AS2108 - 2004 (Type A), ASTM D4656, ASTM D1121, ASTM D1287, ASTM D1384, ASTM D1881, ASTM D2570, ASTM D2809, ASTM D3306, ASTM D3634, ASTM D4340, ASTM D4985, ASTM D5345, ASTM D6210

**Recommended where the following OEM Specifications are cited:** Audi / SEAT / Skoda, BMW N600 69.0, BR 637, BS 6580, BT-PS-606A, Caterpillar EC-1, Cummins 90 T8-4, DAF-Leyland 74001, Daihatsu, DCEA 615, Detroit Diesel / Perkins, E/L-1415b, Ford WSS-M97B44-C, FSD 8704, FVV HEFT R443, General Motors GM 1899M, General Motors GM 6277M, HONDA, HYUNDAI, ISUZU, JASO M325, JIS K2234, Komatsu, Mack RV1, MAN 324 (Diesel Engines), Mazda FL22, Mazda MES 121C, Mercedes Benz 325.3, MITSUBISHI ES-X64216, NATO S757, NAVISTAR, SAAB, SAE J1034, SCANIA (Tech info TI 02-98), Subaru, Toyota TS K2601 G, UNE 26-361-88/1, Volkswagen VW TL774D, VOLVO.

### Directions

- Drain cooling system and flush with clean water
- Use Wynn's Radiator Flush & De-Oiler if the cooling system is dirty
- Add WYNN'S HEAVY DUTY ENGINE COOLANT to the radiator at the correct dose rate and then refill radiator with the best quality water available, preferably demineralised
- Run engine, follow air-bleeding procedures as per vehicle manufacturer's instructions and check level when cool.
- Do not mix with any other coolant or over dilute with water as this will adversely affect the product's performance
- Maximum useful life of 10 years or 1,000,000km when mixed at our recommended dilution of 1L concentrate per 1L of demineralised water (50% Mix), refer below for further mixing ratio recommendations
- If spilt on paintwork wash off with water immediately.



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Wynn's HD Engine Coolant Mixing Recommendations				
Wynn's HD Engine Coolant	Clean Soft Water	Approx ethylene glycol	Approx Anti-freeze protection	Quantity of coolant made
5 Litres	5 Litres	50%	-37°C	10 Litres
5 Litres	10 Litres	33%	-19°C	15 Litres
5 Litres	15 Litres	25%	-12°C	20 Litres

### Typical Characteristics

Appearance: 52520 & 52505 – Dark Green liquid  
53520 – Dark Red Liquid  
54505 – Green Liquid

#### Density @ 25°C

Concentrate: 1.12g/L

Premix: 1.07g/L

#### Reserve Alkalinity:

Concentrate: 3.0 – 5.0mL

Premix: 0.5 – 2.5mL