



## PRODUCT INFORMATION SHEET

### WYNN'S BIOFUEL TREATMENT

Product Number: 53602 205 litre 53604 20 litre

WYNN'S BIOFUEL TREATMENT is a premium fuel treatment specifically designed for biodiesel fuels.

#### Introduction

Biodiesel became popular in recent times due to its renewable source of energy. In general usage, the term biodiesel covers a variety of materials made from vegetable oils or animal fats. After further chemical reactions, the natural oils are turned into a fuel with similar properties to conventional diesel fuel. Biodiesel is mixed with low sulphur fuel in different proportions before being supplied to the market. While biodiesel or its mixture offers a number of advantages over conventional diesel eg lower emissions and better lubricity, they also carry a number of weaknesses eg poor flow properties in cold weather, more susceptible to bacteria attack and lower resistance to oxidative degradation. Hence, Wynns Australia developed a specific treatment for biodiesel fuel to overcome the above drawbacks.

#### Benefits

Wynn's Biofuel Treatment is designed to give the following performance benefits:-

- Cleans and maintains cleanliness of components in fuel system.
- Offers exceptional lubricity for reduced fuel system wear.
- Reduces exhaust emissions.
- Improves fuel economy and power.
- Contains a strong biocide against bacteria, yeast and fungi.
- Provides high tolerance to emulsified water. However, an effective water separator is recommended to be used.
- Enhances fuel stability in storage.
- Provides superior corrosion protection.
- Reduces the tendency to foam and decreases the stability of foam found in diesel fuel.
- Improves cold flow properties.

There are clear and measurable advantages to incorporating the multifunctional Wynn's Bio Diesel Fuel Treatment into biodiesel fuel.

### Applications

Wynn's Marine Diesel Fuel Treatment is suitable for use in Biodiesel Fuel and its mixture with conventional diesel fuel.

### Directions

For regular use add 1 litre Wynn's Biofuel Treatment to each 1,000 litres of bio diesel fuel. Dosage rate may be increased or decreased to obtain optimum results as monitored by the Wynn's Fuel Quality Management Programme.

Application rate may be varied, and depends on the condition of the delivered diesel fuel and the environment of the storage tank.

No additional mixing of Wynn's Bio Diesel Treatment is required, as it will mix automatically since its density is the same as diesel fuel.

After adding Wynn's Bio Diesel Treatment, filter blockage may result initially from the removal of existing sludge and dead algae.

Therefore inspections are suggested to monitor any buildup. After these deposits are removed, filter life will be greatly extended.

### Typical Characteristics

Appearance	Clear Liquid
Colour (visual)	Amber
Density @ 15°C	0.820
Flash Point (°C)	68
Volatiles (% Vol)	85.0
Freeze Point (°C)	-44
Metal Content	None
Chlorine Content	Nil