



## PRODUCT INFORMATION SHEET

### WYNN'S FRICTION PROOFING

Product Number: 61810 24 x 325 ml

WYNN'S FRICTION PROOFING is an engine lubricant supplement that improves oxidation resistance, wear control, sludge control, corrosion control, and engine cleanliness while reducing friction wherever metal-to-metal contact occurs. The professional formula of Wynn's Friction Proofing is used to increase the strength of engine oil at an oil change or as an oil revitaliser between oil changes. Wynn's Friction Proofing will not thicken oil at high or low temperatures.

#### Advantages

Wynn's Friction Proofing is professionally designed to be a multi-purpose crankcase additive that can be used in new and old engines, both petrol and diesel fuelled. Wynn's Friction Proofing is professionally formulated to provide the following benefits listed under each basic chemical ingredient.

#### POLYMER

- Reduces oil consumption.
- Provides a cushion between worn parts, helping to reduce engine noises and wear.
- Increases oil pressure in worn engines and at high operating temperatures.

#### OXIDATION INHIBITORS

- Retards the oxidation and breakdown of the motor oil at high engine operating temperatures.

- Controls oil thickening resulting from oxidation during periods of severe high speed operation, reducing the possibility of oil thickening and loss of lubrication.
- Increases the level of oxidation inhibitors found in new motor oils.
- Helps maintain engine cleanliness by reducing the formation of lacquer and varnish deposits, helping to insure proper lubricant flow and mechanical component operation.

#### ANTIWEAR ADDITIVES

- Prevents engine wear resulting from direct metal to metal contact under extreme operating conditions such as sustained high speed and trailer pulling.
- Increases the anti-wear properties of the motor oil to which it is added, affording additional protection against engine wear resulting from the depletion of the motor oil's original anti-wear system.
- Reduces wear in older engines resulting from the larger clearances between worn parts and the higher shock loads encountered.

#### DETERGENTS/DISPERSANTS

- Assures optimum engine lubrication by maintaining oil line/oil screen cleanliness, thereby assuring proper lubricant flow.
- Assures proper ring operation by maintaining ring cleanliness.
- Increases the level of detergents/dispersants included in new motor oils.
- Retards the accumulation of low temperature sludge deposits.
- Provides additional protection against engine deposits under all operating conditions.

Wynn's Friction Proofing is professionally formulated to help reduce friction and wear.

## Applications

The professional formulation of Wynn's Friction Proofing has been designed to:-

- Reduce friction and wear.
- Prolong oil life.
- Penetrate and bond to metal surfaces.
- Reduce engine sludge and varnish build up.
- Protect engines at start-up and extreme conditions.
- Improve oil performance during extended oil drain intervals.
- Reduce oil oxidation and thickening.
- Increase rust and corrosion protection.
- Reduce oil screen clogging.
- Address the industry-recognised problem of oil oxidation.

Wynn's Friction Proofing is suitable for all petrol, LPG and diesel engines. Add entire contents of bottle of Wynn's Friction Proofing directly to the engine oil, with the engine turned off. Wynn's Friction Proofing is compatible with all commercial engine oils and is ideal for all normally aspirated or turbocharged engines.

## Typical Characteristics

Appearance	Clear Liquid
Colour (Visual)	Dark Brown
Colour (ASTM D1500)	3.5
Density @ 15°C	0.896 (ASTM D 4052)
Viscosity @ 40°C (cSt)	78.9 (ASTM D 445)
Viscosity @ 100°C (cSt)	10.8 (ASTM D 445)
Flash Point (°C) COC	199 (ASTM D 92)
Torque (kg/cm)	107 (Friction Demo WRQC-5)
Scar (mm)	2 x 3 (Friction Demo WRQC-5)
Boiling Point (°C)	>316
Freeze Point (°C)	-7
Volatiles (% Vol)	Nil