



# PRODUCT BULLETIN

## WORN ENGINE TREATMENT

Nulon E10 is especially formulated for use in all four-stroke petrol, \*diesel, rotary and LP gas engines that display definite wear characteristics such as fuming, bearing or valve train noise, piston slap, piston wrist pin noise and poor performance due to general mechanical wear.

Nulon E10 contains PTFE and other performance additives to reduce friction, which in turn slows down the rate of wear within an engine. It is important to understand that the more worn an engine becomes, the faster the rate of wear.

Polytetrafluoroethylene (PTFE), the primary ingredient in Nulon E10, is a solid material that exhibits the lowest co-efficient of friction known to science. Nulon E10 contains particles of PTFE that are minute in size and spheroid in shape. These tiny particles circulate with the engine oil and act as tiny plastic fluoropolymer ball bearings between the wear surfaces.

### Benefits:

- Reduced wear
- Reduced exhaust emission
- Extended engine life
- Increased cylinder compressions
- Increased power
- Reduced fuel consumption
- Quieter, smoother engine

### Directions for Use:

- Ensure engine is at normal operating temperature. Shake the bottle.
- Stop the engine and add Nulon E10 to the crankcase (engine oil).
- Restart the engine and run it for at least 15 minutes. It is preferable to drive the vehicle rather than to leave it idling.
- Use Nulon E10 with each oil change.

### Motorcycles:

Due to the unique formulation of Nulon E10 it is quite safe to use in four-stroke motorcycle engines that incorporate a wet clutch.

### Application Rates:

- All petrol (gasoline), diesel, rotary and LP gas car engines – Add 1 bottle
- Truck engines – Add 1 bottle per 6 litres (6 quarts) of oil capacity
- Motorcycle engines – Add 50 ml (1.7 US fl oz) per litre (quart) of oil capacity

### Packaging:

300 ml (10.14 US fl oz) bottle  
(12 bottles per carton) \* Part No. E10

### Typical Properties:

Tests	ASTM	Nulon E10
Colour		Green
Flash point, COC, °C	D92	198
Foam characteristics	D892	Nil
Viscosity @ 40°C, cSt	D445	58.71
Viscosity @ 100°C, cSt	D445	8.39
Viscosity index	D2270	114
Density K/l	D1298	0.9205
Pour point °C	D97	-15
Melt point of PTFE °C	D1457	>325

\* In larger diesel engines it is more economical to use Nulon HP Diesel Engine Treatment (refer to Product Bulletin on HP – Diesel Engine Treatment).