PRODUCT BULLETIN

▪ DIESEL ENGINE TREATMENT

Nulon HP Diesel Engine Treatment has been formulated to cater specifically to the demands of today's high-performance diesel-powered engines. Extended oil change intervals, heavier loads, turbo-chargers and higher sustained speed all place enormous strains on today's diesel engines. Modern lubricants have to work harder than ever before to maintain a lubricating film of oil between wearing parts.

When added to conventional lubricants on a regular basis Nulon HP will offer the highest degree of protection available for all forms of diesel-powered machinery. HP has been designed with the large fleet operator in mind. It is economical and easy to use. Some HP applications are:

- Trucking
- Auxiliary power generators
- Farming
- Diesel-powered pumps
- Earthmoving
- Mining
- Marine

Nulon HP enhances the lubricating qualities of all motor oils and reduces metal-to-metal contact. It is fully compatible with all mineral based and synthetic brands. HP is suitable for use with any oil filter rated in excess of 5 microns. HP is a complex formulation based on sub-micron particles of Polytetrafluoroethylene (PTFE), high-grade carrier lubricants complemented by other anti-wear, anti-friction and anti-oxidant additives. This whole package, when added to conventional lubricants, ensures minimum wear and scuffing resulting from high speeds and loads. Nulon HP, because of its superior lubricating qualities, helps maintain the integrity of oils. Regular use will minimise wear metals present in the oil. HP offers lubricating protection up to temperatures far in excess of normal oils. This is particularly important in terms of protecting turbo-charged vehicles. Nulon HP has an operating temperature range of -15ºC to 250ºC. (The minimum operating temperature may vary outside Australia.)

Benefits:
- Increased power
- Reduced friction
- Reduced wear
- Reduced fuel consumption
- Reduced maintenance costs
- Corrosion protection
- Reduced oil temperature
- Increased cylinder pressures
- Increased engine life
- Reduced downtime

Directions for Use:
After completing an oil and filter change, run engine until it achieves normal operating temperature. Shake Nulon HP container thoroughly. Add HP. Restart engine and run for at least 15 minutes. Repeat application with each oil change.

Warning: Not for use in petrol engines

Do not add Nulon HP to a new or reconditioned engine until it has reached manufacturer's recommended break-in period.

Typical Properties:

Tests	ASTM	Nulon HP
Colour		Brown
Flash point, COC, ºC	D92	190
Foam characteristics	D892	Nil
Viscosity @ 40ºC, cSt	D445	55.99
Viscosity @ 100ºC, cSt	D445	8.06
Viscosity index	D2270	112
Density K/l	D1298	0.8996
Pour point ºC	D97	-15
Melt point of PTFE ºC	D1457	>325

Application Rates:
Add 250 ml (8.45 US fl oz) Nulon HP for every 8 litres (2.1 US gals) of crankcase capacity.

Packaging:
- 500ml (16.9 US fl oz) bottle (12 bottles per carton)
  Part No. HP
- 20-litre (5.28 US gal) drums
  Part No. HP20