



PRODUCT BULLETIN

▪ DIESEL INJECTOR CLEANER

Nulon Diesel Injector Cleaner (Nulon DIC) is the result of countless hours of research and development into the fuel requirements of diesel-powered engines, to deliver maximum performance, economy and efficiency. Operators consistently complain of exhaust smoke, poor starting, combustion noise and quality problems associated with fuel storage (particularly for extended periods of time).

It is well known that fuel quality varies dramatically for many reasons, including the source of crude from which the fuel is distilled and the time of the year (varying temperature conditions).

Benefits:

- Cleaner fuel systems
- Improves lubrication of fuel pumps
- Optimises injector efficiency and fuel atomisation
- Corrosion protection for the entire fuel system
- Fuel stability during storage
- Improved engine performance
- Improved fuel economy
- Reduced exhaust emissions
- Reduced exhaust smoke
- Water separation

All of the above benefits assure optimum efficiency of the engine. Extensive testing has proven conclusively that Nulon DIC, used as directed on a regular basis, will afford sustained peak performance of all components associated with the fuel system. Downtime due to injector deposits etc. is minimised. Peak performance is maintained due to efficient combustion, which also ensures fuel economy is optimised. Extensive testing has shown fuel economy improvements in excess of 5%, making Nulon DIC cost effective from a fuel usage point of view. Further cost savings are attained by reduced maintenance costs and downtime.

In markets where fuels with higher sulphur content are prevalent Nulon DIC offers an additional benefit. Damage caused by acid producing sulphur deposits is minimised because more efficient combustion reduces sulphur deposits and oil contamination. Instead of the sulphur being allowed past the piston rings into the lubricating oil, it is exhausted or burnt thus reducing the acid forming deposits. Worldwide, sulphur is slowly but surely being removed from diesel fuel for environmental reasons. Some countries have already reduced sulphur levels to the point where fuel pump wear is becoming a problem. Sulphur is a very effective extreme pressure (E.P.) lubricant that has traditionally protected fuel pumps from wear.

Governments are pushing for diesel engines to comply with the Euro 3 emissions laws and for engines to be able to meet this requirement they have no option but to use extremely low sulphur fuels. Nulon DIC provides additional lubrication and sufficient pump protection, even in fuels with no sulphur.

Application:

Nulon DIC should be added to all stored fuel, or when filling the tanks of the relevant piece of equipment. (Always add Nulon DIC prior to refuelling to ensure thorough dispersion.) To achieve maximum benefits, Nulon DIC should be used on a consistent, regular basis.

Treatment Rates:

Nulon DIC should be added to diesel fuel at the ratio of 300 ml for every 300 litres of diesel fuel, or 1 part per 1,000 of fuel.

First Aid Directions:

For advice contact the Poisons Information Centre (Ph. Australia 131 126; New Zealand 0800 764 766) or a doctor (at once). If swallowed, do NOT induce vomiting. Not to be used as a food container

Packaging:

- 300 ml (10.14 US fl oz) bottle (12 bottles per carton) Part No. DIC
- 20 litre (5.28 US gal) drums Part No. DIC20