



# NICHOLL OILS

## GAS OIL SUPREME

### DESCRIPTION

*Nicholl Gas Oil Supreme* is an advanced fuel additive designed to benefit both mineral diesel and biodiesel blends. It is a gas oil (BS2869:A2) upgrade product formulated to allow modern diesel engines calibrated on EN590 DERV to run on red diesel. It prevents deposit formation throughout the fuel delivery system, especially in the injectors and fuel pump, to keep the system clean and running at optimum performance. It also compensates for some of the deleterious effects of a higher FAME content e.g. tendency for water pick-up.

The product will additionally enhance the performance of older vehicles.

### APPLICATION

The additive will counter any negative effects resulting from the introduction of the latest gas oil specifications, notably the reduction in sulphur content and the increase in the allowable FAME (biodiesel) content and will avoid increases in fuel consumption due to sticking injectors and wear.

Typical applications are agricultural and horticultural machinery, construction equipment, airport vehicles and fork lift trucks.

The product is formulated from recognised fuel additive components and should not void an engine manufacturer's warranty. In fact, many engine manufacturers now recommend the use of upgrade additives when red/green diesel is used.

### FEATURES

#### INCREASED CETANE NUMBER

Benefits:

- Easier starting
- Increased pulling power
- Smoother power delivery
- Reduced visible emissions (smoke)
- Improved combustion efficiency
- Aligns with modern engine calibrations

#### REDUCED DEPOSIT FORMATION

Benefits:

- Keeps injectors clean in high pressure common rail engines
- Prevents injector sticking and over fuelling
- Maintains injector spray pattern
- Prevents nozzle coking in older engines
- Reduces fuel consumption & emissions
- Protects against corrosion

#### INCREASED FUEL LUBRICITY

Benefits:

- Compensates for sulphur reduction
- Protects against premature wear in fuel pumps and fuel injectors
- Reduces friction

#### ENHANCED WATER RESISTANCE

Benefits:

- Prevents emulsions forming and resultant filter blockages
- Keeps water out of the fuel

### WHEN TO USE

- Vehicle lacks power, misfires or 'runs rough'
- Engine manufacturer recommends the use of an additive
- Excessive smoke is observed
- The FAME content of the fuel is known to have increased
- Fuel is being used in a tier III or later vehicle (typically post 2005)

### BENEFITS



### TREATMENT RATIO

**1 litre of additive treats 2,000 litres of fuel**

All Nicholl Oils branded products are available in a range of sizes to 1,000 litres

For further information call 08000 22 44 22 or visit [www.nicholloils.com](http://www.nicholloils.com)