

Many Problems
One solution!

HC24.

13
YEARS
of research &
development

What is HC24™?

A Total Unique Fuel System Treatment To Remove Contamination & Improve Fuel Performance



Water is permanently dissolved in Carbon, Bio and Aviation fuels

Totally eliminates water contamination (and its effects) from your fuel system



Diesel Bug (bacterial fungus) is cured and then prevented

Prevents bacterial and fungal growth in your fuel system



Reduces harmful emissions by up to 70%

Significantly reduces emissions (CO, HC's, NOx, CO2)



Fuel quality is improved reducing consumption by up to 10%

Up to 10% more mpg has been experienced

TECHNICAL DATA SHEET



HC24

GLOBALLY INSURED

HC24™ is an organic, non-biocide treatment for carbon-based fuels. HC24™ improves the quality of the fuel by restructuring the compounds of the fuel at a molecular level. This restructuring removes water and other damaging contaminants, including the carbon mass which recreates the fuel to increase power whilst reducing emissions, consumption and wear.

HC24™ is a family of compounds which are ash less, non-metallic and totally organic, and were developed for use as fuel components for all liquid combustible fuels. The use of the unique formula of HC24™ will reduce toxic emissions, while increasing drive ability and improving overall efficiency of your vehicle. HC24™ does this by delivering the fuel to your vehicles engine in a state which allows for better and more complete combustion. Engine testing at City University London has shown that the use of HC™ causes substantial reduction in total unburned hydrocarbons (HC), carbon monoxide (CO), nitrous oxide compounds (NOx) and carbon dioxide (CO2), as well as smoke and particulates in diesel.

Benefits

Added to diesel or reformulated fuels, HC24™ provides a number of significant benefits:

- ✓ Water is permanently dissolved in Carbon, Bio and Aviation fuel
- ✓ Reduces harmful emissions by up to 70%
- ✓ Diesel bug (bacterial fungus) is cured then prevented
- ✓ Fuel quality is improved reducing consumption by up to 10%
- ✓ Prevents rust & corrosion
- ✓ Filterability increased by 50%
- ✓ Cleans injectors
- ✓ Acts as a natural lubricant to the fuel

Application

HC24™ can be used in all hydrocarbon & HVO fuels. HC24™ does not have any effect on the fuel specification so no warranty implications.

Stabilising low use stored fuel from environmental impact, ensuring the fuels quality with minimum fuel husbandry requirements.

Independently tested to EN590-2013 Specification by Intertek UK and Lloyds Register.

Properties

Appearance Blue liquid
Odour Characteristic

Treatment

Blend Ratio 1st dose ratio 1:375
Maintenance ratio 1:750

Physical Data

Density 937.6kg/m3 @ 40c
Viscosity 8.9mm2/s
Solubility Soluble in water
pH 9.5 1% solution
Flash Point Not flammable

Storage & Handling

HC24™ should be stored out of direct sunlight and at a temperature above 5c.

Pack Sizes 500ml | 1L | 10L | IBC

Case Studies & Get in Touch

Scan these QR codes to go directly to case studies proving the effectiveness of HC24™.

NRMM

Plant Emissions & Fuel Consumption Analysis



BUS EMISSIONS ANALYSIS



INTERTEK

Intertek's Fuel Specification Results



Or view these and more studies, tests & reports on our website
www.cfcsanalyticalservices.co.uk/hc24

If you wish to purchase HC24™ please visit: www.cfcsanalyticalservices.co.uk/contact

Please get in touch with any further questions:

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