

Technical sheet Diesel



FOR TANKS

Can be used directly by the tank or tank. An automated injection system can be installed for the tanks.

DOSAGE: 1 liter for 4000 liters of diesel

Designed to work with all diesel engines and all anti-pollution systems. Compatible with Commonrail, HDI, Euro 4, Euro 5, Euro 6, FAP, EGR, Adblue, ...

Respect the European standard on gas: EN590



ACTIONS OF THE PRODUCT

ENGINE

Cleaning

Cleans and keeps the entire supply and injection system clean

Lubrification

Lubricates pumps and injectors

Valve protection

For old vehicles

FUEL

Fragmentation

Disperse hydrocarbon molecules, resulting in greater surface area for contact with oxygen and better combustion

Dispersion

Disperse the water in the fuel

Dissolution

Dissolves sludge

bactericidal

Eliminates bacteria and algae

RESULTS

ECONOMY

Fuel

Reduction of consumption

Maintenance

Longevity of parts (injectors, particle filter, EGR valves, ...)

Regulatory products

Reduced consumption of solutions used in SCR processes (Adblue)

ECOLOGY

Particles

Elimination of almost 50% of the particles

Harmful gases

Monoxyde de carbone et oxydes d'azote réduits de 10% à 50%

Greenhouse gas

Reduced CO2 emissions

REFERENCES :

RD0250V: 250ml cans packed in cartons of 12

CD1000V: 1L cans packed in cartons of 10

CD5000V: 5L cans

FCD0060: 60L drums

FCD0210: 210L drums



Component Information

Chemical name: Hydrocarbon

CAS No. : 90622-57-4

hazards

Components bringing a hazard:

De-aromatized benzene (<50 ppm)

Impurities presenting a danger:

Sulfur (<5 ppm)

Other data: Chlorine 0

Physical and chemical properties

General indications

Form : Liquid

Color : Blue

Odor : Characteristics

Change of state

Decomposition temperature : > 200°C

Flash point : > 60°C

Self-ignition temperature : > 200°C

Danger of explosion : Product is not explosive; however,

explosive vapor-air mixtures may form.

Density: 0.875 Kg / Liter

Solubility / Miscibility: Soluble in hydrocarbons.

Regulatory information

Community regulations

Main hazards: R10 + R 65

R 10: Flammable

R 65: May cause lung damage if swallowed.

R 53: May cause long-term adverse effects in the aquatic environment.

S 23: Do not breathe vapors.

S 24: Avoid contact with the skin.

S 62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Compatibility with diesel

ECO GAS was added to a reference diesel fuel complying with the EN 590 standard at the recommended dosage of 1 in 4000. The result was analyzed by the SGS laboratory, UTAC referent for fuel analyzes.

ANALYSYS	STANDARD METHOD	UNIT	RESULTS	STANDARD EN 590
DENSITY At 15°C	NF EN ISO 12185 ASTM D 4052	kg/m ³	835.1	820 - 845
VISCOSITY At 40°C	NF EN ISO 3104 ASTM D 445	mm ² /s	2.495	2.0 - 4.5
SULFUR s/GO	NF EN ISO 20846 ASTM D 5453	mg/kg	7	<10.0
WATER Karl Fischer	NF EN ISO 12937 ASTM D 6304	mg/kg	40	<200
CONTAMINATION SEDIMENTS S / GO-FOD	NF EN 12662	mg/kg	<6.0	<24
18/5000 ORDINARY ASH	NF EN ISO 6245 ASTM D 482	%(m/m)	<0.001	<0.01
CETANE INDEX Measured	NF EN ISO 5165 ASTM D 613		53.8	>51.0
CETANE INDEX Calculated	NF EN ISO 4264 ASTM D 4737-A		52.3	>46.0
CARBON RESIDUE S / residue 10%	NF EN ISO 10370 ASTM D 4530	%(m/m)	<0.10	<0.30
COPPER CORROSION 3h at 50 °C	NF EN ISO 2160 ASTM D 130	Cotation	1	Class 1
LUBRICANT POWER GASES	NF EN ISO 12156-1 ASTM D 6079	µm	316	<460
LIMIT TEMPERATURE FILTRABILITY *	NF EN 116 ASTM D 6371	°C	-23	<été 0 hiver -15 grand froid -20

* ECO GAS does not contain an anti-freeze effect, the filterability limit temperature remains that of the fuel.

ECO GAS FRANCE

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