



GROUP IN BRIEF

Since 1995, the Group has specialized in applied chemistry in automotive industry. It has know how in high-performance technologies. Research, development and production take places within our own know-how that meets the strictest requirements on high-performance technology. The distribution network is made up of selected local partners. Company customers are provided with optimized tailor-made services.

STANDARDS AND HOMOLOGATION

ECO GAS® does not have any effect on compliance with criteria of the defined European standards EN 590 (diesel) and EN 228 (petrol). ECO GAS® approached UTAC to carry out certification, which is one of the reference partners in the automotive and engine area. Standards EN 590 and EN 228 are recognized among car manufacturers; therefore, ECO GAS® does not have any effect on mechanical parts and does not represent any risks for the engine, even in increased dosing.



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www.eco-gas.cz



EFFECTIVE CARE FOR YOUR CARS

Outcome proved in practice 

ECO GAS®

**REDUCES CONSUMPTION
INCREASES DRIVING DISTANCE**

**GREASES PUMPS AND
INJECTION NOZZLES**

**RELEASES DEAD PARTS IN
OLDER CARS**



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IMPROVEMENT

of economic and environmental performance



**- 15 %
REDUCTION IN
CONSUMPTION**
reduces fuel
budget

**REDUCTION
OF TOTAL
OPERATIONAL
COSTS**

**INCREASE
IN PARTS
SERVICE LIFE**
reduces maintenance
budget

EFFECTS

Engine

- Removal of impurities
- Maintaining the entire circuit of fuel supply and injection clean
- Release of dead parts in older cars
- Lubricates pumps and injection nozzles

Fuels

- By fragmenting hydrocarbon particles, the contact surface is increased, which results in better combustion
- It deals with the issue of water in fuel, it releases sediments (sludge) from it, it destroys bacteria and algae

BENEFIT

Savings

- Reducing consumption by 5 to 15%
- Extending service life of individual parts (injection nozzles, filters of solid articles, EGR valves etc.)
- Reducing consumption of solutions used in SCR processes

The environment

- Removing almost 50% of solid particles
- Reducing carbon monoxide and nitrogen oxides by 10 to 50% (dangerous gases)
- Reducing emissions of CO2 by 5 to 15% (Greenhouse gases)

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TESTS



 **Audi A6 Allroad**
year 2008

Engine power: 171 kW
Fuel: diesel, 80L tank
Testing period: 6 months
Testing area: emissions, consumption

EMISSIONS (%)

without	with ECO GAS
0.44 (1/m)	0.36 (1/m)

 **Emissions -18%**
Consumption -11,1%



SCANIA 440

year 2013

Engine power: 360 hp/265 kW
Fuel: diesel
Amount used: 4 litres Eco Gas
Testing area: consumption

CONSUMPTION PHM l/100 km

without	with ECO GAS
29 l	26,2l

 **Consumption -9,6%**



dilution ratio 1:4000

TESTS



 **MAN Haller**
year 2002

Engine power: 228 kW
Fuel: diesel
Testing period: 3 months
Testing area: consumption

CONSUMPTION PHM l/100 km

without	with ECO GAS
79,61 l	71,98 l

 **Consumption -9,5%**



dilution ratio 1:4000

 **Volvo L30G**
year 2014

Engine power: 55 kW/75 hp
Fuel: diesel
Operating hours: 12 months
Testing area: consumption

CONSUMPTION PHM l/100 km

without	with ECO GAS
25l	22l

 **Consumption -12 %**

