

TiziCALOR

Magneto physical fuel conditioning for all gasoline and diesel engines

Each engine needs less fuel and its performance is appreciably improved!

Principle of function:

The TiziCALOR-System is based on the positive physical effect of a strong permanent-magnetic field on fuels such as gasoline, diesel and gas. The double magnetic field of the TiziCALOR-System changes the molecular structure of gasoline, diesel or LPG gas during the flow of the fuel through the fuel line to the engine in such a way that the long molecular chains become shorter and are thus able to bind more oxygen molecules.

The entire combustion process is, therefore, improved. Deposits are decreased and thus the pollutant output is substantially reduced. Also, the bio-activity of gasoline is prevented.

When driving a car fitted with the TiziCALOR System the following changes are observed:

- Reduction of carbon monoxide (CO) and hydrocarbons (HC) in the exhaust gas – by up to 85%.
- Reduction of soot particles with diesel engines.
- Increase in the output of the engine by several horse power (HP).
- Reduction of the fuel consumption by up to 18%.
- Clean spark plugs and better starting characteristics lead to an extension of the life span of the catalyst.
- Reduction in particle output with diesel engines by up to 55%!

With a small investment one saves on expensive fuel and one also relieves the environment from the harmful effects of exhaust gases.

The TiziCALOR Fuel Saver assortment for cars, vans, buses and truck engines covers all gasoline and diesel fuels for all engine sizes. It is simple and quick to install.

Type	Fuel pipe diameter	Engine type	Installation
TIZIPOWER	Maximum 15 mm.	Suitable for all gasoline or diesel engines.	Installs onto the gasoline line (only for copper, plastic or rubber lines). 2-piece aluminium housing with a weight of 240g and a length of 75mm.
TiziCALOR TC 101	Maximum 15 mm.	Suitable for all gasoline or diesel engines.	Installs onto the gasoline line (only for copper, plastic or rubber lines). 2-piece plastic housing with a weight of 130g and a length of 50mm.
TiziCalor Types TMK + TMA	For 1/2" - 8" pipes.	Larger gasoline, gas or diesel engines.	External installation only possible for lines made of copper, rubber, inox steel, aluminium and plastic.



TiziCALOR Model TC 101



TiziCALOR Model TiziPOWER

TESTS:

Higher engine performance with less fuel consumption and reduced exhaust gas values with TIZIPOWER and TiziCALOR TC 101 FUEL SAVER

Make and model	Fuel type	Test station date	Engine power without TiziCALOR TC101		HP engine with TiziCALOR after approximately 200 - 300 km		Remarks
			HP (P/Mot)	Max. Torque at RPM	HP (P/Mot)	Max. Torque at RPM	
VW Golf	Gas	AMAG (VW) Kloten 31.10.2000 04.12.2000	124.4	162 Nm at 4890 rpm	128.5	169 Nm at 4860 rpm	Increased HP and torque
Renault Megane	Diesel	TCS Diagnostic Rivera 20.10.2004 29.10.2004	123.7	301 Nm at 2360 rpm	126.4	315 at 2160 rpm	Increased HP and torque at lower rpm
Honda Civic	Gas	TCS Diagnostic Rivera 10.12.2004 16.12.2004	141.4	137 Nm at 5880 rpm	150.2	146 Nm 5990 rpm	6% more engine power and also increased torque
Subaru Impreza	Gas	TCS Diagnostic Rivera 10.12.2004 15.12.2004	245.4	325 Nm at 7880 rpm	255.6		Increased engine power
Suzuki Vitara	Gas	AMAG (VW) Kloten 17.08.2004 26.08.2004	89.7	144 Nm at 4790 rpm	90.4	147 Nm at 3950 rpm	Maximum engine power at 3950 U/Minute. This corresponds to a fuel saving of approximately 17.5%.
MERCEDES 230 COMPRESSOR	Gas	TCS Diagnostic Rivera 22.12.04 28.12.04	212.8*	281 Nm at 3960 rpm	221.0*	290 Nm at 4160 rpm	Increased HP and torque
Audi A6 V8	Gas	TCS Diagnostic Birr 25.1.05 3.3.05	214.0	371 Nm at 3900 rpm	218.5	382 Nm at 3790 rpm	Increased HP and torque

Test report: number 17

TiziCALOR FUEL SAVERS GREATLY IMPROVE EXHAUST GAS VALUES EVEN FOR CARS WITHOUT A CATALYST ON THE EXHAUST GAS SYSTEM.

Exhaust gas trials with an ex-Army HAFLINGER (from the year 1969) and a 1973 PINZGAUER 4x4 all terrain vehicles show how much CO and HC can be reduced when using a TiziCALOR TC 101 Fuel Saver

Test set-up:

The exhaust tests shown below have been conducted on an idle engine modus at 960 rpm and 94°C oil temperature at the exhaust gas test centre of a Swiss Army central workshop for military vehicles by tuning specialists (PINZGAUER) and by a private specialised garage for old 4x4 vehicles with their electronic exhaust gas test stand. All above stated values have been printed out by the computer which was attached to the exhaust gas testing units.

Conclusion

TiziCALOR FUEL SAVERS help to reduce poisonous exhaust gas CO and air pollution by the burnt HC (gasoline) particles by up to 84%. This also means for new vehicles with modern engines and a catalyst system that the fuel is more completely burnt and that the catalyst unit receives 70% less CO and HC from the engine. The life-time is much longer.

Exhaust value	PINZGAUER 4X4 without catalyst and without TiziCALOR TC 101	PINZGAUER 4X4 without catalyst and with TiziCALOR TC101	HAFLINGER 4X4 without catalyst and without TiziCALOR TC 101	HAFLINGER 4X4 without catalyst and with installation TiziCALOR TC 101 and air regulation
CO (%)	4.18	0.67	4.10	1.77
HC (ppm)	11.7	14.4	8.9	12.9
CO2 (%)	106	30	850	334

Purchase without risk:

Full cancelling warranty:

In the case that the buyers of a TiziCALOR Fuel Saver does not experience any change in consumption or increase in engine performance the equipment can be returned to the sales representative within 30 days of the purchase date. The equipment price will be fully refunded. Possible installation costs cannot be refunded.