EURO FuelSaver S.r.l. **SUPER TECH®**

energy + economy + ecology

REFER BOOK

Mosavtoprogress Reference

www.supertech.it

The present Refer Book doesn't contain the integral version
of the documents but only a summary describing the obtained results.
Whoever would wish to receive the integral version,
shall send a request to the General Management.

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RUSSIA:
MOSAVTOPROGRESS - MOSCOW

Date	Institute/Company	Test		Results		Attached
		Labor.	Road	Gas emis reduction	Consump Reduc	Documentation
14/04/1999	**RUSSIA** **Mosavtoprogress Moscow**	x	x	>50%	8% ÷ 12%	Test Report

MOSAVTOPROGRESS

MOSCOW RUSSIA

SUPER-TECH DEVICE

BENCH AND FIELD TESTS
TO CHECK EFFECTS ABOUT:
POWER, ECOLOGICAL IMPACT AND FUEL CONSUMPTION IN FUEL AND DIESEL ENGINE

"APPROVED"

Manager of Institute " Ecology, resources saving and maintenance instruments "

M.E. Stavroskij
14th april 1999

(signature and round mark)

REPORT

Stand tests to check the effect of antitoxic device SUPER TECH trade from Italian Company EAST WEST EURO FUELSAVER to the power characteristics,
ecological impact and fuel consumption of fuel and diesel engine.

FIRST PAGE OF THE ORIGINAL RUSSIAN DOCUMENT

1. Объект испытаний.

1.1 Объектом испытаний является антитоксичное устройство «СуперТек » реализуемое итальянской компанией « EAST WEST EURO FUEL SAVER »

1.2 Антитоксичное устройство «Супер Тек » , обрабатывая автомобильное топливо , как бензиновое , так и дизельное электромагнитным излучением , « **которое диссоцнируют молекулы углеводородов , облегчая прохождение кислорода между ними** » обеспечивает полное сгорание рабочей смеси , что обеспечивает снижение содержания токсичных компонентов в отработавших газах карбюраторных и дизельных двигателей , повышение их мощностных характеристик и снижение расхода топлива .

Устройство монтируется в топливном баке.

2.Методика и программа испытаний.

2.1 Стендовые испытания антитоксичного устройства « СуперТек » проводится на карбюраторных и дизельных двигателях , путем сравнения их экологических , мощностных и экономических показателей как без применения антитоксичнного устройства , так и с его использованием.

2.2 Стендовые испытания антитоксичного устройства « Супер Тек » проводятся на :

2.2.1. серийном дизельном двигателе ЗИЛ-645 с использованием тормозного электрического стенда индукторного типа WH 230 M Schenk (ФРГ) ,расходомера топлива фирмы AVL типа 7131-06 (ФРГ), расходомера воздуха Deduscha типа 8740-20 (ФРГ) , дымомера фирмы Hartridg типа МК-3 (Англия) , газоанализатора SAE-7532 фирмы «Янко» (Япония).

При этом исследование влияния антитоксичного устройства « Супер Тек » на дымность определялось по ГОСТ 12.2.2.01.-84 , а содержание в отработавших газах окиси углерода (CO) , углеводородов (CH) и окислов азота (NOx) в режиме 13ти ступенчатого цикла по ГОСТ 17.2.2.03-87.

2.2.2. серийном карбюраторном двигателе ЗИЛ-130 с карбюратором К 88А и контактной системой зажигания с использованием специа-

1. Tests subject

1.1. Tests subject is antitoxic device SUPER TECH trade from Italian Company EAST WEST EURO FUEL SAVER.

1.2. Antitoxic device SUPER TECH acts on the car fuel, both fuel and diesel, treating it with electromagnetic emissions “that separate hydrocarbon molecules stimulating oxygen passage”. The device assures the complete burning of air-fuel mix in the engine, which causes the reduction of the contents of toxic elements in gas emissions of fuel and diesel engine, power increase and fuel saving.

The device has to be installed inside the fuel tank.

2. Procedure and plan tests

2.1. Antitoxic SUPER TECH device tests were made on fuel and diesel engine, comparing the power, the ecological impact and the consumptions before and after the installation of antitoxic device.

2.2. Antitoxic SUPER TECH device tests were made with the equipment hereinafter:

2.2.1. Diesel engine ZIL-645 mass-produced, using an electric brake bench inductor SCHENK WH 230 M (Germany), a litre meter to measure fuel consumption AVL 7131-06 (Germany), an air capacity meter DEDUSCHA 8740-20 (Germany), a gas emissions meter HARTRIDGE MK-3 (Great Britain), a gas analyser YANKO SAE-7532 (Japan).

The survey of antitoxic device SUPER TECH effect about gas emissions was made according to GOST 12.2.2.01-84 rules, instead, to determine the contents of carbon monoxide (CO), hydrocarbon (CH) and nitrogen oxide (NO) in gas emissions we used the second 13 stages procedure according to GOST 17.2.2.03.87.

2.2.2. Fuel engine ZIL-130 with carburettor K 88 A and contact ignition system, set up on a special stand for fuel engine tests MPB-42/30, power 200 kW, a fuel litre meter ART-2 and a gas analyser ASKON.

Gas emission toxicity was measured according to EEC 83/02 Regulation (test procedure MVTG-A) with warm engine ignition. Consumptions in city cycle were checked according to GOST 20303-90 rules. Ignition system and low speed engine regulation (idle speed) analyses, including the determination of carbon monoxide contents, was executed according to GOST 17.2.2.03-87 rules. Spark advance corner was calibrated according to engine manufacturer instructions.

3. Comparative tests results

3.1. The results of fuel engine ZIL-130 tests are reported in schedules 1,2,3,4,5, and in figures 1,2,3.

3.2. Experimental research of ecological impact, developed power and engine ZIL-130 consumptions provided with antitoxic SUPER TECH device gave the results hereinafter:

3.2.1. The use of SUPER TECH device causes power increase, measured to characteristic external speed of 0,3: 1,6 kW.

3.2.2. Because of the antitoxic SUPER TECH device effect, the average consumptions is reduced of 8:12%.

3.2.3. Contents reduction percentage of harmful substances, obtained in the comparative tests, thanks to antitoxic SUPER TECH device effect:
- CO contents -- until 33%;
- CH contents -- until 30,75%.

3.2.4. From results of comparative tests we notice a great reduction of harmful substances such as CO and CH in gas emissions both in idle speed and full charge speed.

3.3. Results of Diesel engine ZIL-645 tests are reported in schedule 6 and in figures 4, 5, 6, 7, 8, 9, 10, 11.

3.4. Experimental research of ecological impact, developed power and engine ZIL-645 consumptions provided with antitoxic SUPER TECH device gave the results hereinafter:

3.4.1. The use of SUPER TECH device gives power increase, measured to the external characteristic speed of 0,5:1,7 kW.

3.4.2. For the effect of antitoxic SUPER TECH device, the average fuel consumption is reduced of 9:14%.

3.4.3. The reduction percentage of contents of harmful substances obtained in the comparative tests, thanks to antitoxic SUPER TECH device effect: CO contents -- 20:23%, CH -- 15:18%.

3.4.4. Diesel full load running engine gas emissions in the interval of crankshaft n = 1200:1800 rpm rotation speed is reduced of 1,86:2.07 times. In partial load, we obtained the results hereinafter: with n =1200 rpm reduction is 1,6:2,1 times; with n = 1800 rpm 1,5:2,0 times; with n = 2000 rpm 1,8:2,3 times; with n =2400 rpm 1,8:2,0 times; with n = 2800 rpm 1,8: 2,2 times.

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April 14th 1999
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REPORT

Field tests to determine antitoxic SUPER TECH device effect traded by Italian Company EAST WEST EURO FUEL SAVER to the characteristics of ecological impact and fuel consumption of Diesel and fuel engine

1. Tests subject

1.1. Tests subject is antitoxic SUPER TECH device traded by Italian Company EAST WEST EURO FUEL SAVER.

1.2. Antitoxic SUPER TECH device acts on vehicles fuel, both fuel and diesel, treating it with electromagnetic emissions " which separate hydrocarbon molecules stimulating oxygen passage". The device assure the complete burning of the mix air-fuel in the engine, which brings to the reduction of toxic elements contents in gas emissions fuel and diesel engine, to power increase and to fuel saving.

The device is set inside the fuel tank.

2. Procedure and tests plan

2.1. Antitoxic SUPER TECH device tests were made on vehicles with fuel engine mod. GAZ-3302, GAZ-31029, UAZ-452, ZIL-130, as well as on diesel engine vehicles mod. MAZ-53371 and KamAZ-53208.

2.2. The vehicles hereinbefore circulate in and outside the city, loaded as normal vehicles utilization.

2.3. The estimation of antitoxic SUPER TECH device was executed comparing toxic elements contents and gas emissions in standard fuel vehicles and in cars provided with SUPER TECH device.

2.4. The survey of gas emissions CO and CH contents is made by gas analyser mod. UREX-311.

2.5. Gas emissions value in diesel engine is determined in free acceleration speed and in crankshaft rotation highest speed, according to the GOST 21393-75 rules.
For the measuring we use gas emissions meters INA-109 and DO-1.

3. Field tests results

3.1. Engine GAZ-3302 and GAZ-31029. Antitoxic SUPER TECH devices have been set on GAZ-3302 and GAZ-31029 with 35-90 thousand Km distance covered.

Initial values of cars gas emissions CO contents are between 1,06% and 2,0%, for CH values were 110-845 ppm.

After 500-120 Km covered, CO contents decrease of 0,42-0,76%, and Ch contents is reduced to 35-510ppm.

NO+NO2 has been determined at the end of tests time measuring this characteristic with and without SUPER TECH device. It is demonstrate that NO+NO2 contents is reduced of 12%, thanks to the positive effect of antitoxic SUPER TECH device.

At the end of the tests a visual check of pistons, cylinder heads and engine valves estate of the referred vehicles was made, looking to the surface through the sparking plug hole. The check confirmed a complete absence of soot in the inner surface of the engine as well as in the sparking plug.

From field tests of antitoxic SUPER TECH device set in GAZ-3302 and GAZ 31029 engine we notice that device use reduces harmful substances contents in engine gas emissions: 38-39% CO, 32-60% CH and 12% NO+NO2.

Fuel consumptions reduced of 8-12%, thanks to SUPER TECH device effect.

3.2. Data measured from gas emissions toxicity of trucks UAZ-452 and ZIL-130 with fuel engine are related in 1 and 2 schedules of the enclosure.

By the analysis of test results we confirm that antitoxic SUPER TECH device use reduces the parameters hereinafter:

- **% CO in lowest rotation speed 32-42%**
- **% CO in highest rotation speed 21-40%**
- **% CH in lowest rotation speed 24-26%**
- **% CH in highest rotation speed 20-30%**

3.3. Data measured from gas emissions toxicity of diesel engine trucks MAZ-53371 and KamAZ-53208 are related in 3 and 4 schedules in the enclosure.

By the analysis of test results we came to such conclusion: antitoxic SUPER TECH device use reduces 15-22% CO contents, 12-20% CH contents.

3.4. Data about antitoxic SUPER TECH device effect to fuel specific consumption are related in schedule 5.

From field tests we can say that antitoxic SUPER TECH device use lets you reduce 8-12% fuel consumption.

3.5.Data measured from gas emissions of diesel engine trucks MAZ-53371 and KamAZ-53208 are related in schedule 6 and 7 in the enclosure.

By the analysis of the results related we came to such a conclusion: the use of antitoxic SUPER TECH device lets you reduce gas emissions in diesel engine vehicles 1,7-2,1 times.

CONCLUSION

According to the results of stand and field tests of fuel and diesel engine vehicles provided with antitoxic SUPER TECH device, we came to the conclusions hereinafter:

1. The use of antitoxic SUPER TECH device reduces gas emissions toxicity:

- cars : 38,5% CO
42% CH
12% NO

- light trucks: 35% CO
28% CH

- middle capacity trucks : 26% CO
22% CH

2. Antitoxic SUPER TECH device use reduces 1,6-1,8 times diesel engine gas emissions.

3. Antitoxic SUPER TECH device use increases until 1,7kW engine power.

4. Antitoxic SUPER TECH device use reduces 8-10% fuel consumption.

5. In order to improve atmosphere state, the devices used in tests can be suggested for the installation in Russian production vehicles.

Project Manager for the elaboration and the realization of ecological plans in transport sector of MOSAVTOPROGRESS Institute

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ФЕДЕРАЛЬНОЕ СОБРАНИЕ РОССИЙСКОЙ ФЕДЕРАЦИИ
ГОСУДАРСТВЕННАЯ ДУМА

ДЕПУТАТ
ГОСУДАРСТВЕННОЙ ДУМЫ
2000 - 2003

"25" июня 2003 г. № 1155-БЧ

East West Euro fuel saver
Viale Mazzini, 142-00195 Roma.
C\o : Atos Betrami.
C\o : Alex Litinetsky, Petro Group, Canada.

Уважаемые господа!

Мы изучили переданные Вами материалы и исследования прибора (антитоксичного устройства «Супер Тек») научно-исследовательским институтом «МОСАВТОПРОГРЕСС» и считаем своим долгом, отметить высокую практическую ценность Вашего изобретения (прибора) для сохранения экологического баланса и экологической безопасности нашей страны, а также достижение экономического эффекта от его применения.

Внедрение подобного прибора (устройства) и использование его на территории Российской Федерации вызывает подлинный интерес, и мы готовы оказать возможную поддержку для его реализации.

Однако, считаем, что данный проект может получить нашу поддержку только в том случае, если данное устройство (прибор) будет производиться на территории Российской Федерации российским производителем либо предприятием с участием российского и иностранного капитала.

С уважением,

Мартынов Б.А.

CONSIGLIO FEDERALE DELLA FEDERAZIONE RUSSA
PARLAMENTO
DEPUTATO
2000-2003

East West euro FuelSaver
Viale Mazzini, 142-00195 ROMA
p.c. Atos Betrami
p.c. Alex Litinetsk, Petro Group, Canada

Egregi signori!

Abbiamo studiato il materiale che ci avete inviato e le ricerche/sperimentazioni dell'apparato (dispositivo ecologico Super Tech) da parte dell'Istituto Indagini Scientifiche Mosavtoprogress e riteniamo doveroso rimarcare l'alta qualità pratica della Vs. scoperta/brevetto per la tutela dell'equilibrio ecologico e della sicurezza ecologica del nostro Paese, ma anche per il conseguente risultato economico derivante dal suo impiego.

L'introduzione di questo dispositivo e la sua utilizzazione nel territorio della federazione Russa suscita grande interesse e siamo disposti a dare tutto il necessario apporto per la sua realizzazione.

Tuttavia riteniamo che questo progetto possa avere il ns. sostegno solamente se il presente dispositivo verrà prodotto nel territorio della Federazione Russa con produzione russa, oppure con una società di compartecipazione di capitali russo e straniero.

Distinti saluti.

Martinov B.A.