

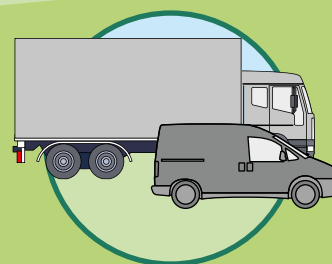
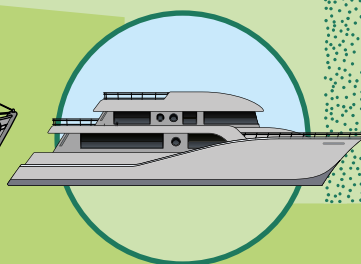
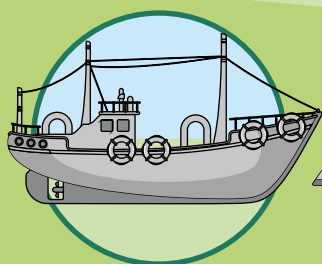
Domina[®]



FUEL REFINING FILTERS



For the wellness of the planet cut CO₂ in double digits!



- **Reduce fuel consumption.**
- **Save on maintenance.**
- **Reduce particulate pollution.**
- **Increase energy efficiency of fuel.**

FILTERS EQUIPPED WITH PATENT OF INVENTION



PASSION, ITALIAN GENIUS AND COMMITMENT

It all began in 1996 with Davide Castaldini and his studies on the influence of magnetic density impressed on fluids. He builds a small experimental prototype, thus begins a long period of tests and 26 years of hard work. Enthusiastic about the project, Daniele D'Onofrio, soon decides to collaborate. Giorgio Castaldini also starts collaborating, bringing an important insight that will be decisive in achieving the set goals. After a long time of waiting, study and experimentation, we

confirm the initial theory, refining the fuel in its components and improving its characteristics. The achievement is the optimal mixing of fuel and oxygen, gaining more energy from the same amount of fuel which results in greater engine efficiency.

Today we are pleased and proud to present, to the Italian and foreign market, the innovative line of Domina FR Ecoline fuel refining filters, the true number one on the market.

WHY BUYING DOMINA FILTERS

- 1) Reduces average fuel consumption by about 16%.
- 2) It optimizes fuel combustion and increases its energy efficiency, a true revolution in the petrochemical field.
- 3) Reduces the production of particulates, already in the combustion chamber, extending the life of injectors, valves and turbine, while ensuring a maximum over time efficiency.
- 4) The uniform burst of fuel ensures linearity and efficiency to the entire engine system, better gear engagement, reduction of vibrations, correct expansion of the piston rings in the pistons, reducing the consumption of engine oil and maintaining its quality for longer time.
- 5) The reduction of particulate extends the life of your catalytic converter, increases its effectiveness and efficiency.
- 6) Increase in engine performance under all conditions.
- 7) Significant reduction of the smokiness of your vehicle.
- 8) Reduction of CO₂ production, the CO₂ reduction percentage is equal to the fuel saving percentage you will get from your vehicle.
- 9) By adopting a DOMINA filter, you will be a partner in the global plan for improving the quality of environment.





THE VOICE OF TRUCKERS

The National President of "Drivers Club Italia Trasporto Unito" and Head of "Nazionale Trasporti L'Altra Italia"

I personally took Mr. Davide Castaldini and Mr. Daniele D'Onofrio, owners of the DOMINA line, to transport companies in various Italian regions, where we have been testing for months a refining fuel filter, produced by DOMINA, with truly exceptional results. The strong reduction in the smokiness of the vehicles on which the product has been installed, confirmed a lower particulate pollution, an increase in general performance of the vehicles tested, and a considerable fuel saving.

Some of the trucks tested are: SCANIA 480 hp Euro 3, IVECO Stralis 460 Euro 6, IVECO Stralis Euro 3, MAN 480 Euro 4, IVECO 450 Euro 5, MERCEDES 220 Euro 5. I can say with certainty that the various transporters have found remarkable fuel savings, higher than that declared by Mr. Davide Castaldini and Daniele D'Onofrio, which guarantee a 16% saving. The voice of truckers says that in some cases, more than 20% of diesel savings are reached, all proven by documentation given by the transporters, who are testing it on their own vehicles, therefore this are true testimonies, directly from them truck drivers.

I am personally monitoring all the road tests phase together with the owners of DOMINA fuel refining filters. In my opinion, the DOMINA filter is a truly exceptional product, useful for the whole category of heavy duty vehicles, offering less pollution and significant savings in diesel fuel. After the testing with transport companies and with individual truck drivers, I hope that the Ministry of Transport and the Ministry of the Environment will seriously consider the DOMINA company, testing the refining filters themselves, confirming their quality and the results mentioned above, granting the necessary approval.

Yours sincerely
Antonio Mollica



RUOTE LIBERE - AUTOTRASPORTO CONSAPEVOLE



Spokesperson's statement Cinzia Franchini

It is not the first time that truckers have been recommended tools to reduce the fuel consumption of their vehicles. For this reason, with some skepticism, I asked some colleagues of the group of free Wheels entrepreneurs, of which I am the spokesperson, to test the device that was proposed to me by Davide Castaldini and Daniele D'Onofrio of DOMINA. From an impartial stance, I state that this filter actually refines fuels leading to real benefits of more than 15% in terms of fuel savings and a reduction in exhaust fumes. This is the feedback that I received, for example, from Luigi who tested the filter on his vehicle. I gladly make this result publicly known, hoping it will be of help to other colleagues. Obviously Free Wheels will continue to follow the evolution of this project

which to date, in these first months, can be said to be more than satisfactory.



TOTAL SATISFACTION AFTER 10,000 KM OF TESTING



I take this opportunity to greet our category. On 11/23/2020 we installed on the engine of my truck, EURO STAR 430 CURSOR Euro 3, a fuel refining filter called DOMINA FR-500 Ecoline, I carried out a test that lasted exactly one month, covering about 10,000 km. At the end of the trial month, here are my evaluations:

the engine is more powerful and when I go uphill I can shift into a higher gear. I estimate that the engine has acquired a greater power of 30/40 hp. I noticed that the typical noise of this EURO

STAR 430 CURSOR Euro 3 engine has almost disappeared, synonymous for better engine efficiency. To confirm that the DOMINA FR-500 Ecoline filter optimizes combustion, I don't see anymore the black smoke that normally came out of the drainpipe. Being a Euro 3 engine with direct exhaust that does not mount any catalytic converter, the absence of black smoke highlights the lower production of particulate matter in the combustion chambers.

I can confirm what I was told on the day of the installation of the DOMINA FR-500 Ecoline filter by Davide Castaldini and Daniele D'Onofrio, regarding the qualities of the filter they produce.

In the test carried out in December and considering that I normally move 46 tons at full load, I found an average monthly consumption of 2.82 km/l, by fully using the greater strength and efficiency given by the DOMINA filter. I want to emphasize that using an economical driving mood, I have had fuel saving percentages that I estimate around 15/18%.

I thank Mrs. Cinzia Franchini spokesperson of FREE WHEELS for the trust given to me for the test I performed, and I sincerely thank the DOMINA company for the results obtained with my truck.

Luigi Pizzullo

20% SAVINGS AFTER 8 MONTHS OF TESTING

Greetings to fellow transporter. Like other colleagues, on 19/05/2020, I installed the DOMINA FR-500 Ecoline fuel-refine filter on my Scania 480 Hp Euro 3 truck. Today, on 29/01/2021, the 8 months test period is over and here I disclose my assessments, gained during this time:

the savings amount to 20%, the engine is more powerful and efficient, I also noticed a significant reduction in exhaust fumes. I believe it is of primary importance that I have obtained more power uphill and a higher torque already at low rpm, which allows me a better start at full load even at low temperatures. With the truck at a constant speed, I noticed that the rpm needed by the engine to maintain 90 km/h decreased from 1300 rpm before the DOMINA filter was installed, to the current 1100 rpm after installing the filter. Considering the many improvements obtained, I confirm the excellent quality of the FR-500 Ecoline filter and recommend its use to everyone.

I thank the DOMINA company for the time spent together in testing the filter, as well as for the many improvements to my truck, until the end of the test.



Luciano Rizzo

30% SAVINGS ON A FULL TANK OF 4,000 LITERS



Greetings to all my sailor colleagues. My name is Nello and I am the engineer of the fishing boat (n° pf 2122) named TOPOGIGIO, moored in the port of Marina di Campo on the Island of ELBA. Our fishing boat has a 220 horsepower aifo engine. Out of curiosity, I decided to try the DOMINA FR 500 filter that the Domina technicians have installed. The test lasted for 45 days.

I can state that I was amazed. After having done all the necessary checks, math in hand and considering a full tank of 4,000 liters, the boat has gone from the usual 17 fishing trips to as many as 26 trips, detected after the installation of the Domina filter, with an increase of 9 trips every 4,000 liters of diesel. To calculate the savings it is necessary to know that each trip is equivalent to 15 hours of engine running at constant speed. It is good

to clarify that each fishing trip in the past had a cost of 188 euros, which multiplied by 9 trips we have earned, represents a real panacea for the entire nautical sector. I am and we are extremely happy with the results. In addition to what has been said, I found a general decrease in vibrations on board, the almost total disappearance of the black exhaust fumes and i noticed cleaner oil at the usual oil check.

Satisfied and happy with the installation of this filter, I thank Daniele and Davide for giving us the opportunity to test their product, of course we will buy it, knowing that we will receive a truly incredible product.



GREAT SAVINGS IN EXCEPTIONAL TRANSPORT



Greetings to all truckers.

On 06/07/2020 I applied to my 2005 Iveco Stralis 480 truck a "fuel refine filter" produced by the DOMINA company. During the trial period I towed 12 tons cradle trailers on a mixed route. The results shows that fuel consumption has decreased from 17% to 25%. I also noticed a significant reduction in smoke and the consequent decrease in particulate air pollution.

Gino Improta

TSM - TOTAL SAVINGS MANAGEMENT

Example of the savings calculation based on the tests carried out.

ROAD TRANSPORT - COMMERCIAL VEHICLES						
Diesel motor	Diesel consumption	mileage yearly	Diesel consumption year	Diesel price	Diesel price year	Diesel saving yearly 16%
480 cv	2,9 km/l	110.000 km	37.931 l	€/l 1,24	€ 47.034	€ 7.525

CIVIL TRANSPORT - CARS AND VANS						
Ford Fiesta 1.400 Tdi	Diesel consumption	mileage yearly	Diesel consumption year	Diesel price	Diesel price year	Diesel saving yearly 30%
68 cv	15,6 km/l	35.000 km	2.243 l	€/l 1,60	€ 3,589	€ 1.067

MARITIME NAVIGATION - PILOT BOATS, FISHING BOATS, YACHTS						
motor type AIFO Diesel	Diesel consumption	daily navigation 14 hours	Diesel price	daily cost for 14 hours of navigation	daily savings 35%	monthly savings 35%
220 cv	15,97 l/hour	223,6 l	€/l 0,90	€ 200	€ 70	€ 1.330

REDUCTION OF CO₂ - 35%

Fuel savings also result in an equivalent reduction in CO₂ emissions, the greenhouse gas responsible for climate change. Each liter of diesel produces about 2.6 kg of CO₂. With an estimated fuel saving of 35%, a saving of 780 mg of CO₂ is achieved for each liter of fuel for the benefit of the environment.

PERCENTAGES OF GLOBAL SAVINGS

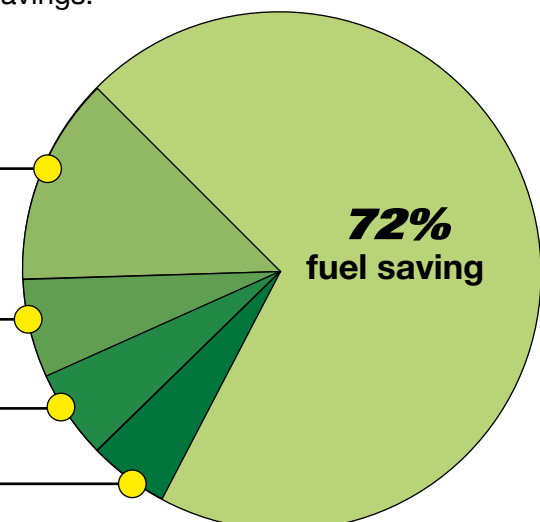
The greater efficiency of the engine system determines other savings as can be seen from the graph, taking the overall savings far beyond simple fuel savings. With Domina the engine of your vehicle lives longer and you will save on spare parts and maintenance.

11% catalyst life extension

6% injectors, turbine and valves life extension

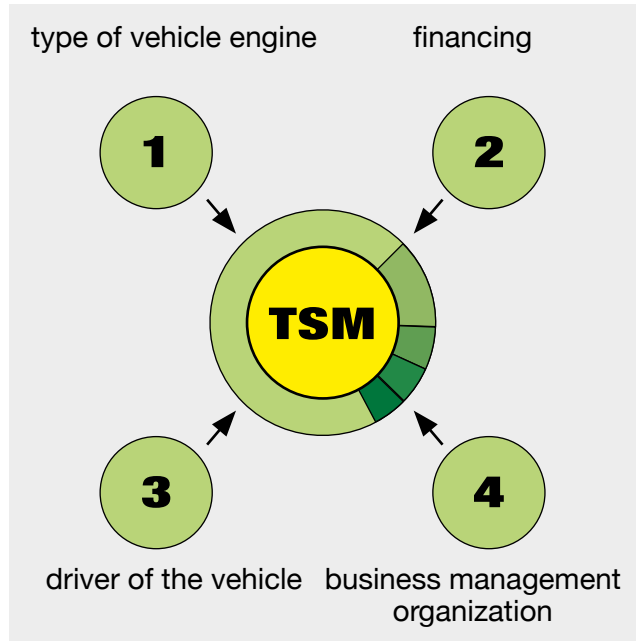
6% reduced consumption of Ad blue

5% improved engine efficiency



INFLUENCING FACTORS THAT DETERMINE THE RESULTS OF THE TOTAL SAVINGS MANAGEMENT

- 1) The management savings (TSM) are calculated exclusively for diesel engines. For mixed engines (diesel/gas) the overall savings percentages will obviously be lower, but the reduction in particulate matter will remain the same as for diesel engines, estimated at 98%.
- 2) Financing is based on the purchase cost of the vehicle, which will determine the monthly depreciation cost. The management savings (TSM) given by the DOMINA FR filters will allow you to pay off your loan in a shorter time.
- 3) The driver of the vehicle must always be aware of some fundamental points: maintaining the best driving methods and respecting travel times. An accurate guide allows you to obtain the maximum savings.
- 4) Business management needs certainties to be able to determine savings. We therefore recommend constant monitoring of the vehicle with adequate control tools and the reliability of the personnel in charge of checks.
- 5) Optimizing combustion creates engine efficiency, shortening reaction times. This results in increased engine performance. In the presence of hilly routes, it will allow your vehicle to climb at a higher speed and consequently shorten travel times.

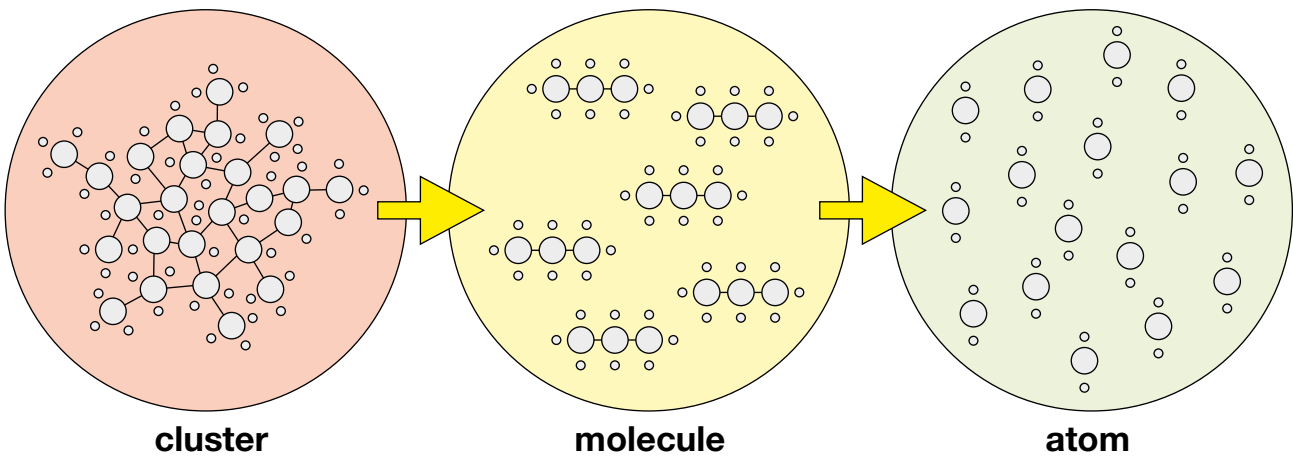


THE FUEL REFINING PROCESS

Step 1
cluster destruction

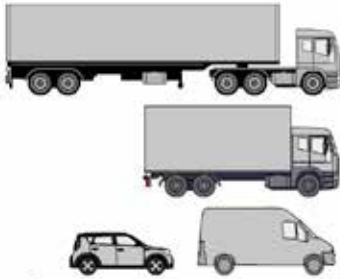
Step 2
division into single molecules

Step 3
division into single atoms



The variations in the magnetic density impressed on the fluid passing through the refiner filter modifies and simplifies the molecular structure, optimizing the combustion process, creating greater energy efficiency, reducing CO₂ by 35% and particulate matter by 98%.

MODELS



DIESEL ROAD VEHICLES

Domina FR 500 MP	from 500 to 650 hp
Domina FR 500	from 350 to 480 hp
Domina FR 400	from 210 to 340 hp
Domina FR 300	up to 200 hp



INBOARD DIESEL MARINE ENGINES

FR COMBI EM	over 400 hp
FR 822 EM	from 190 to 400 hp
FR 810 EM	from 100 to 180 hp



OUTBOARD MARINE ENGINES

FR 180 EM	2/4 stroke petrol engines from 90 to 250 hp
FR 200 EM	diesel engines from 175 to 300 hp



AGRICULTURAL TRACTORS AND EARTH-MOVING MACHINES

Domina FR 700 EA	from 180/300 hp
Domina FR 600 EA	from 100/170 hp
Domina FR 570 EA	up to 90 hp



DIESEL GENERATORS / GENERATORS

FR EZ	engines with fuel consumption over 35 l / h
FR 900 EZ	engines with fuel consumption from 15 to 35 l / h

DIESEL ENGINES FOR COOLING UNITS

trucks, trailers, trucks, tractors, containers

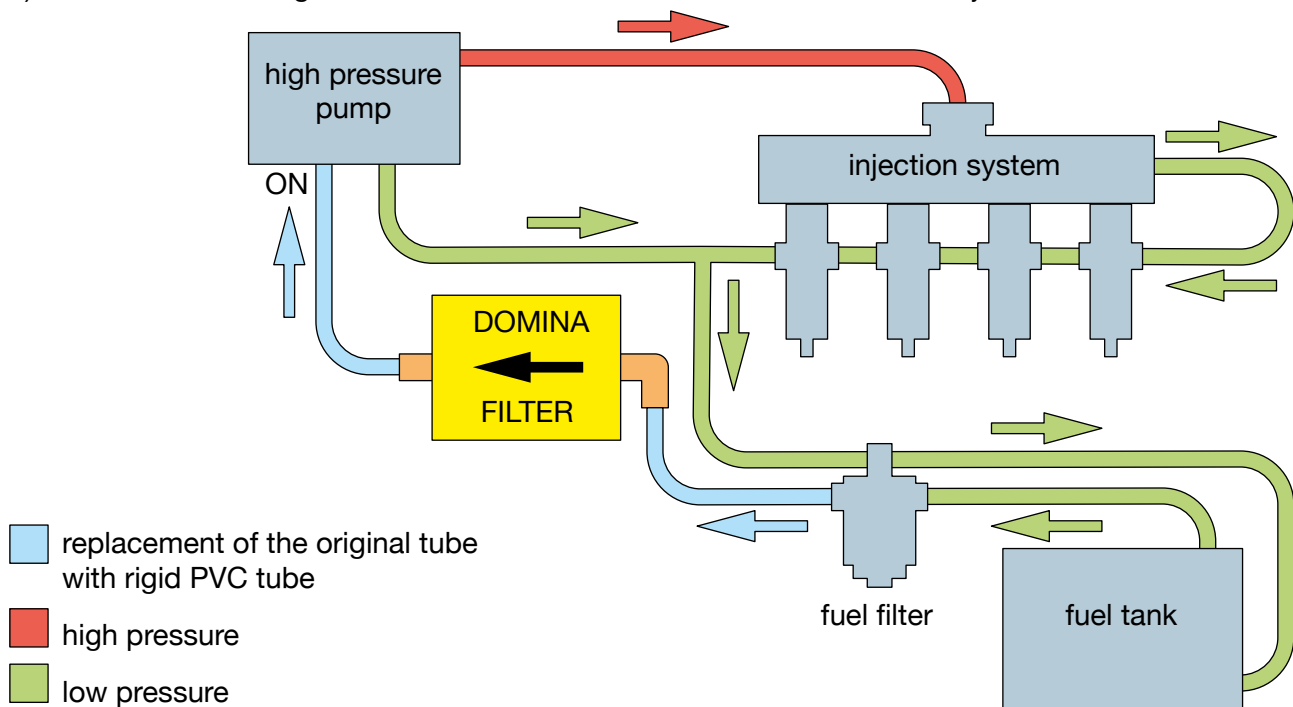
FR 100 CC	engines with fuel consumption up to 5 l / h
FR 110 CC	engines with fuel consumption from 6 to 25 l / h



DOMINA FILTER INSTALLATION

It is recommended to install the filter by an authorized workshop which will carry out scheduled quarterly maintenance.

- 1) First fix the filter holder plate, avoiding direct contact with heat sources.
- 2) Insert the filter in the appropriate housing on the filter holder plate and fix it with the supplied bolt, screw and washer through the hole in the upper central part of the filter.
- 3) Remove the original fuel pipe that connects the diesel filter with the high pressure pump inlet and store it in a protected place inside your vehicle for any future needs. Connect a rigid PVC pipe to the outlet of the diesel filter that has the same characteristics and dimensions as the pipe removed previously, cut it to the right length and connect it to the "L"-shaped brass quick coupling, present at the inlet of the filter DOMINA filter.
- 4) Connect to the "ON" inlet of the high pressure pump a rigid PVC pipe that has the same characteristics and dimensions as the pipe removed previously, cut it to the right length and connect it to the brass quick coupling at the outlet of the DOMINA filter.
- 5) Fix the PVC pipes with PVC clamps in an appropriate way.
- 6) Purge to remove the air present inside the pipes.
- 7) Start the vehicle engine and make sure there are no fuel leaks from the joints.



WARNINGS

DOMINA FR filters are supplied pre-assembled and ready for installation. Do not open the DOMINA FR filters for any reason. This operation is reserved only to authorized workshops. The penalty is the loss of the guarantee. The internal technical peculiarity of the filter, the strong magnetic density and the precautions to be taken during maintenance can cause danger, therefore requiring only authorized persons to carry out maintenance.

DOMINA will not be held responsible for injuries or losses due to manipulation not authorized by the manufacturer. Considering the various "influencing factors" described, DOMINA reserves the unquestionable nature of the results described in the "TSM" table and any further disputes.

Check the integrity of the packaging upon arrival of the goods. In case of external damage, do not open the packaging and contact your distribution centre immediately.

WARRANTY

The warranty will have a duration of 3 years from the date of purchase, shown on the invoice or receipt. The warranty can be extended for a further 2 years.

MAINTENANCE

Maintenance of DOMINA FR filters: Maintenance must be carried out every 6 months at the authorized workshop. In the case of low vehicle use, maintenance must be carried out every 35/40,000 km.

CERTIFICATIONS



Filters equipped with patent of invention



The DOMINA Ecoline FR fuel refinement filters do not in any way alter the proper functioning of any electronic control unit present in the motor market. DOMINA filters comply with the CEI-EN 50664 of 2018, having complied with the requirements of the CEI-EN 50499 of 2020, of the 2013/35 / EU directive of the guidelines on exposure limits to static magnetic fields, drawn up by ICRIP based on document 96 (LI): 504-514 (2009).



MAINTENANCE SHEET

vehicle type	property
plate n°	

date	mileage	Seal of Warranty*	stamp and signature of authorized workshop

additional warranty (2 years)			

* At each maintenance intervention, the "Guarantee Seal" on the filter has to be checked, specifying its integrity in the appropriate column with "YES" or "NO".



For the wellness of the planet



AUTHORIZED DEALER

AUTHORIZED WORKSHOP

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