



A patented
additive formula,
unique in the
market

Excellium Pro Concentrate

Your specific range
formulated by
Additives and Fuels Solutions



TotalEnergies

Reduce Your Fuel Bill

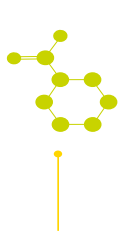
Fuels containing **Excellium Pro Concentrate** were tested in real-life operating conditions in a variety of applications. The results obtained were analyzed by a specialized independent organization certified to ISO 9001 standards.



Protect Your Engines And Equipments

PRESERVED FUEL QUALITY AND EFFICIENCY OF THE ENGINE

Thanks to its high-tech concentration of specific additives, Excellium Pro Concentrate acts effectively in all your equipment, from storage tanks to engines.



Detergent

Cleans the injection system and keeps it clean



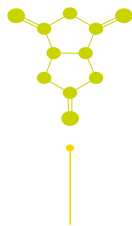
Anti-corrosion

Protects equipment and metal part from rust. Class A⁽²⁾ anti-corrosion performance



Anti-wear

Reduces friction between metal parts and extends engine lifespan.



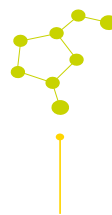
Antioxidant

Slows fuel degradation over time⁽³⁾



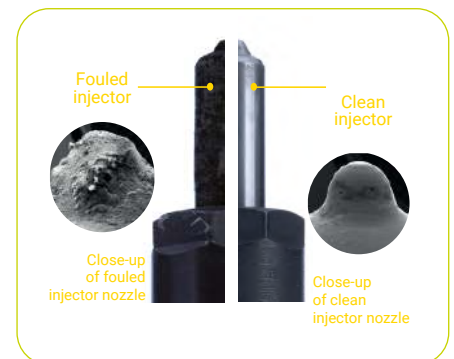
Demulsifier

Helps separate water in fuel in the event of accidental contamination



Anti-foaming⁽⁴⁾

Reduces foaming during filling by 62%⁽⁵⁾



ENHANCED PROTECTION FOR YOUR ENGINE

Excellium Pro Concentrate provides lasting protection for the most sensitive engine parts such as injectors and high-pressure pumps. It eliminates internal and external deposits on the injectors and keeps them clean to preserve optimal spray performance.



⁽¹⁾ Compared to fuels without specific additives. Results recorded on a truck, loader and dumper in real operating conditions in 2020/2021 with Excellium Pro Concentrate. Results may vary with the type of engine.

⁽²⁾ Corresponds to the maximum performance level under the National Association of Corrosion Engineer's international ranking. Results may vary with the type of fuel.

⁽³⁾ Compared to fuels without specific additives. Tests conducted as per laboratory method EN 15751. Results may vary with the type of fuel.

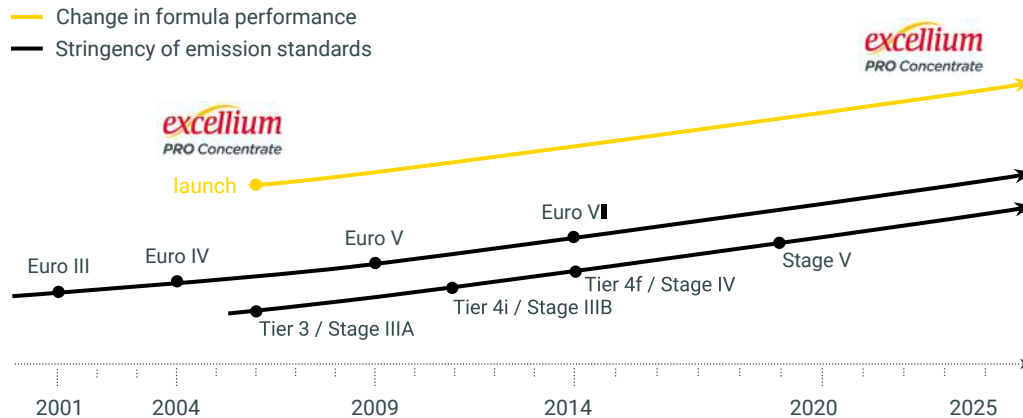
⁽⁴⁾ Exclusively in Excellium Pro Concentrate Plus and Excellium Pro Concentrate Winter.

⁽⁵⁾ Compared to fuels without specific additives. Tests conducted as per laboratory method NF M 07-075. Results may vary with the type of fuel

⁽⁶⁾ Excellium Pro Concentrate prevents up to 99% of fouling in diesel engines and cleans up to 97% of existing fouling compared to fuels without specific additives. Tests conducted by an independent organization. Results may vary with the type of engine.

OPTIMAL PERFORMANCE FOR YOUR ENGINE

We are constantly improving **Excellium Pro Concentrate** to keep up with ever-changing engine technology, notably as concerns increased injection pressure, which puts very heavy constraints on the injectors and injection pump.

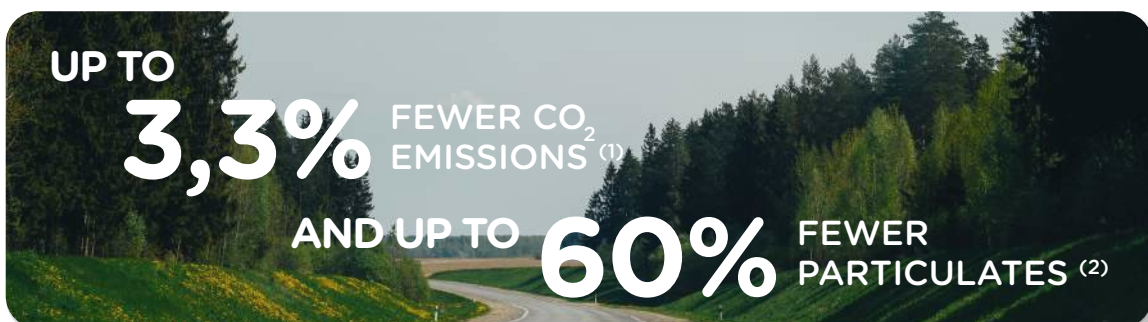


COMPTABILITY WITH BIO AND RENEWABLE FUELS

Bio and renewable fuels are becoming a major pillar towards the reduction of carbon footprint for professional use. **Excellium Pro Concentrate** enables to overcome the inherent drawbacks of these fuels (such as the lack of lubricity of HVO, the oxidation stability over time of B30 or B100) which may lead to severe engine issues (injector deposits, injection pump seizure...)

Reduce Your Environmental Impact

Excellium Pro Concentrate improves combustion quality by keeping the fuel circuit clean. As a result, less CO₂ is emitted, and the after-treatment system has less work to do thanks to the significant reduction in particulates, as measured in test bench.



⁽¹⁾ Compared to fuels without specific additives. Results recorded on a truck, loader and dumper in real operating conditions in 2020/2021 with Excellium Pro Concentrate. Results may vary with the type of engine.

⁽²⁾ Compared to fuels without specific additives. Tests conducted by independent organizations in 2020/2021 on a farm tractor and loader.

RESULTS OF A TEST CARRIED OUT IN MOROCCO WITH CTM*

CTM is the Moroccan leader in passenger road transportation.

Tests were conducted on 18 selected vehicles that were assigned to specific routes totaling nearly 2,000 tankfills, 500,000 liters of fuel and 2 million kilometers. Altran, an independent body that is certified according to the ISO 9001 international standard, was entrusted with statistical processing of data. **TotalEnergies Excellium Pro Concentrate** technology demonstrated an average reduction of fuel consumption by 4.1%¹ at the end of the test period.

*Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

¹ As compared to a fuel without specific additives; results obtained on the basis of a statistical study carried out in 2016 by the Altran Company on 18 vehicles. Results may vary according to vehicle type.



RESULTS OF A TEST CARRIED OUT IN MALAYSIA WITH TRANSPORT COMPANY*

Tests were carried out in 2016 under real operating conditions on 5 trucks, a transport company. **TotalEnergies Excellium Pro Concentrate** technology delivered an average reduction in consumption of 2.5%¹⁰. Statistical interpretation of the results was carried out on a population of 5 trucks over 7 weeks. The distance covered represented over 50,000 kilometers.

*Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

² In relation to a non-specifically additized fuel, result obtained on the basis of a statistical analysis carried out in 2016 based on 5 trucks. The results may vary depending on the type of vehicle.

RESULTS OF A TEST CARRIED OUT IN CANADA WITH AN AGRI FOOD ENTERPRISE*

Tests were carried out in 2016 under real operating conditions on a fleet of 11 trucks. **TotalEnergies Excellium Pro Concentrate** technology enabled an average consumption reduction of 5%⁸. These tests were performed on vehicles operating in the area of Montreal and surroundings. The distance covered represents almost 0.1 million kilometers.

*Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

³ In relation to a non-specifically additized fuel, result obtained on the basis of a statistical analysis carried out in 2016 based on 11 trucks. The results may vary depending on the type of vehicle.



RESULTS OF A TEST CARRIED OUT IN ARGENTINA WITH LIQUIGAS TRANSPORT*

Tests were carried out in 2016 under real operating conditions on a fleet of 40 trucks of a transport company over a period 3 weeks. **TotalEnergies Excellium Pro Concentrate** technology enabled an average consumption reduction of 2%⁹. Tests were assigned to specific routes totaling nearly 580 000 kilometers.

* Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

⁴ In relation to a non-specifically additized fuel, result obtained on the basis of a statistical analysis carried out in 2016 based on 40 trucks. The results may vary depending on the type of vehicle.

Argentina
-2%⁴



RESULTS OF A TEST CARRIED OUT IN SPAIN WITH D-BUS*

San Sebastian City Council, through Compañía del Tranvía de San Sebastián (d-bus), provides the public transport service to travellers in the city.

Tests were carried out in 2016 under real operating conditions on a fleet of buses from D-BUS, an urban public transportation company in Spain. **TotalEnergies Excellium Pro Concentrate** technology enabled an average consumption reduction of 2.4%⁷. Statistical interpretation of the results was carried out on a population of 82 buses (MERCEDES-BENZ and MAN 12 and 18 meters buses). The distance covered represents more than 1.5 million kilometers for a consumption of almost 0.6 million liters of diesel.

* Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

⁵ In relation to a non-specifically additized fuel, result obtained on the basis of a statistical analysis carried out in 2016 based on 82 buses. The results may vary depending on the type of vehicle.

Spain
-2,4%⁵



RESULTS OF A TEST CARRIED OUT IN POLAND WITH AUTOS*

The tests were carried out on 20 Renault trucks, which were assigned to specific routes totaling almost 268,000 kilometers. The statistical processing of the data was entrusted to Altran, an independent organization certified to the international ISO 9001 standard. Over 2 months, TotalEnergies Excellium Pro Concentrate technology demonstrated an average fuel consumption reduction of 2.6%¹¹ compared with non-additized diesel, and a non-harmful effect declared by the customer at the end of the test period.

* Test conducted with Total Excellium Concentrate Diesel product range, now upgraded as Excellium Pro Concentrate range.

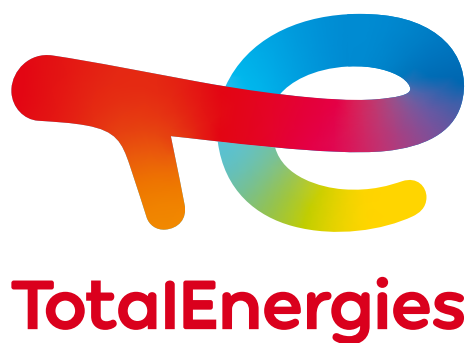
⁶ In relation to a non-specifically additized fuel, result obtained on the basis of a statistical analysis carried out in 2016 based on 20 trucks. The results may vary depending on the type of vehicle.

Poland
-2,6%⁶





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additives-fuels.totalenergies.com



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