

Fuel Additives Technological Unit

is responsible for the technical and commercial development of performance chemicals applied to refinery and petrochemical products as well as bio fuels. Our first target is the development of additives which meet market requirements in terms of performance, quality and cost efficiency. To this end, we work in strict collaboration with our clients formulating, when necessary, tailored products and guaranteeing on-going technical and analytical support, including specific monitoring and predicting tools. Our product portfolio includes all types of chemical additives normally used to improve the quality and performances of fuels (gasoline, kerosene, diesel, bunker) and of other petroleum products (intermediates, bitumen, residues). We are the European company with the longest experience in the treatment of FAME.



With more than 40 years experience in this sector, we have introduced innovative chemicals into the market which are unique in their application field. Meeting the new and emerging needs of the market has always been our main target. Recently we focused on the improvement of the safety in the workplaces, the protection of the environment and the introduction of biofuels.



When service makes the difference

CHIMEC

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FUEL ADDITIVES
Innovation focused on your needs



Innovative Technologies and Service

Organic Octane Booster

Chimec developed for its customers a new generation of Performance Packages based on Metal-Free Octane Boosters, which satisfy the strictest technical and environmental specifications of the automotive industry. Our Fully Organic Octane Boosters are effective on any type of gasoline, from the simple ones to the racing fuels already characterized by high RON values. The excellent response and the absence of any impact on gasoline specifications, even at high dosages, make our technology an extremely flexible tool suitable for several applications, from the fast correction of off-spec batches to the upgrade of low octane grade gasoline and the production of special fuels. Our portfolio includes both Octane Boosters and specific fuel saving Multifunctional packages, which can be tailored on the needs of our client in terms of performance and savings.



Sulfafree

Sulfafree is our H₂S scavenger line, specifically developed for the treatment of all the petroleum derivatives from LPG to Bitumen. It includes several chemicals formulated to guarantee a fast and complete reduction of the H₂S avoiding any impact on the quality specifications and satisfying the most severe requirements in terms of handling and safety. As a part of our well known service, our technicians will be responsible for the success of the treatment, choosing the proper additive and defining with our client the best injection and monitoring procedure.

Chimsave

A complete line of performance packages for gasoline, diesel and heating oil. Our Chimsave line is Chimec answer to the most recent requirements of the market in terms of fuel saving and emission reduction. Our base formulations may be customized according to our client's requirements in terms of detergency, fuel save properties and engine protection. The effectiveness of our treatments has been certified and verified by independent laboratories through specific laboratory and field tests.

Chimstat

Chimec line of fully organic anti-static additives developed to guarantee an improvement of the safety conditions during the storage and transport of ULS fuels. Chimstat is absolutely metal-free and meets the requirements of vehicle manufacturers which prohibit the use of metalloorganic additives.

FUEL ADDITIVES

Innovation focused on your needs



Bacperse

A line of biocides and biocides developed to solve all the problems caused by the microbiological contamination of fuels, in particular gasoil/biodiesel blends. Our Bacperse line includes additives specifically developed for the application in tank farms and filling stations with a proven record of effectiveness on a broad range of contamination sources. In refineries and depots our additives guarantee a fast reduction of the typical consequences of microbiological contamination, including filter blocking and rupture. In the filling stations the efficiency of our treatment allowed our clients to use it as a real alternative to the mechanical maintenance. The product line is completed by the high level of service and support Chimec can provide in terms of treatment set-up and monitoring.

360

Chimec 360 is a line of complex multifunctional packages specifically developed to improve at 360 degrees the fuel quality, guaranteeing benefits in terms of stability, operability and consumption. Each additive was formulated based on our long term experience in dealing with the typical issues of the final users as well as their needs in terms of consumption reduction. The 360 line includes additives for Diesel, Off-road gasoil and Heating Oil.

EP

Chimec EP line (Engine Protection) represents the most recent development in the fuels sector in terms of fuel injection system detergency. All the products included in this line were developed to meet even the most stringent detergency requirements and guarantee the best performances also on the latest generation engines. The use of Chimec EP additives provides the optimal operative conditions as they reduce those phenomena causing a gradual increase of toxic emissions, black smoke, noise and, last but not least, fuel consumption. The highly performing detergents are the core of EP line products, but they are also combined with a series of other components that make these additives real multifunctional packages, complete and effective in their wide protective action.

FAME

Our product line dedicated to the applications for biodiesel, a sector in which Chimec has been operating since 1992, in more than 50 different production facilities. Our product range includes antioxidants, flow improvers, biocides, dispersants and specific multifunctional packages, all developed for the treatment of biodiesel produced both from vegetable oils and animal fats.