



RESEARCH CENTRE

Eni Research Centre in San Donato Milanese has well equipped laboratories with advanced facilities to study, to develop and to complete the characterization of raw materials and final products. The Research Centre of Eni is compliant with UNI EN ISO 9001 for the following activities: "Applied research, technical assistance and laboratory analysis in the energy sector: lubricants, additives, bitumen, special products for automotive and industry" and "Production of pilot plants lubricants, fuels and oil" (EA 34.35 - Certificate No. 676).

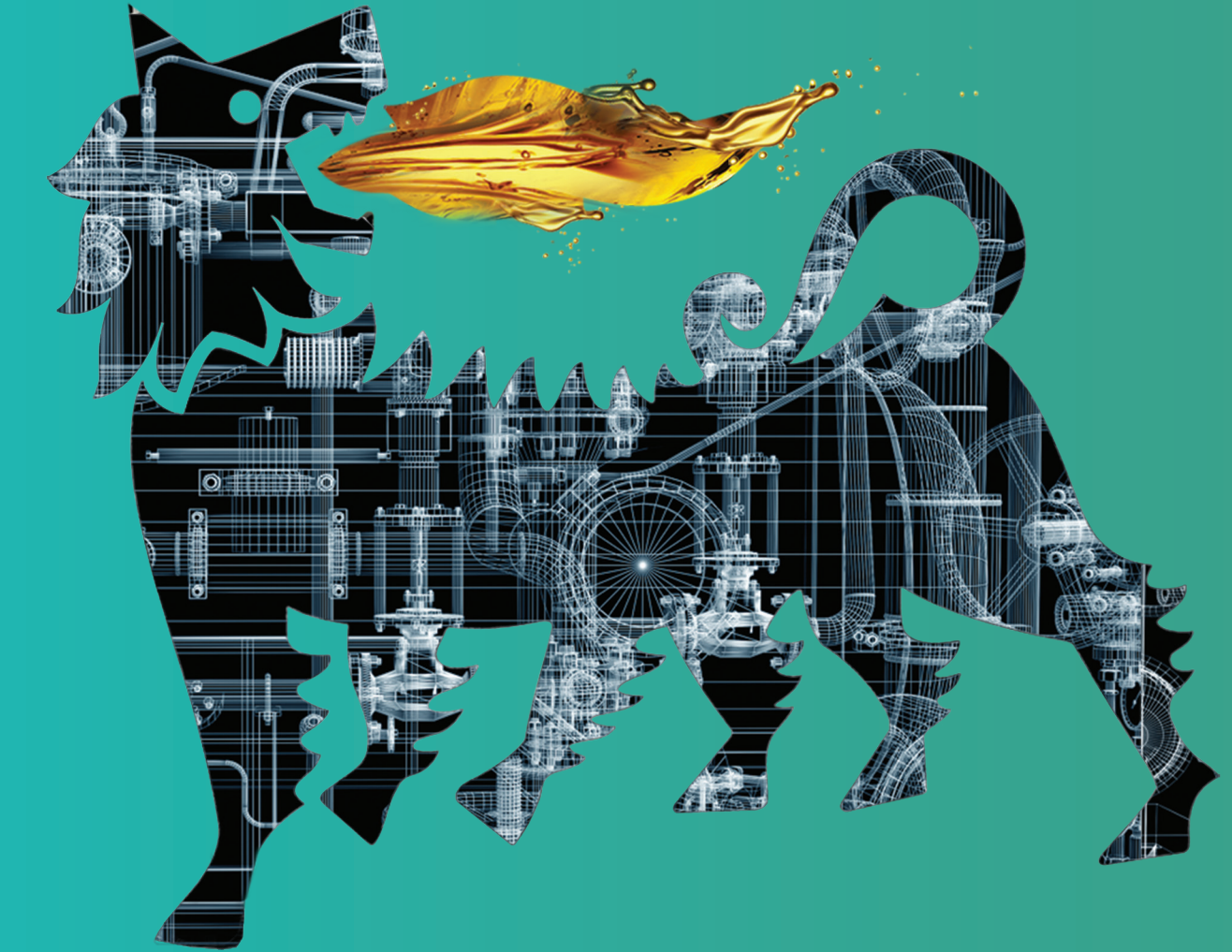
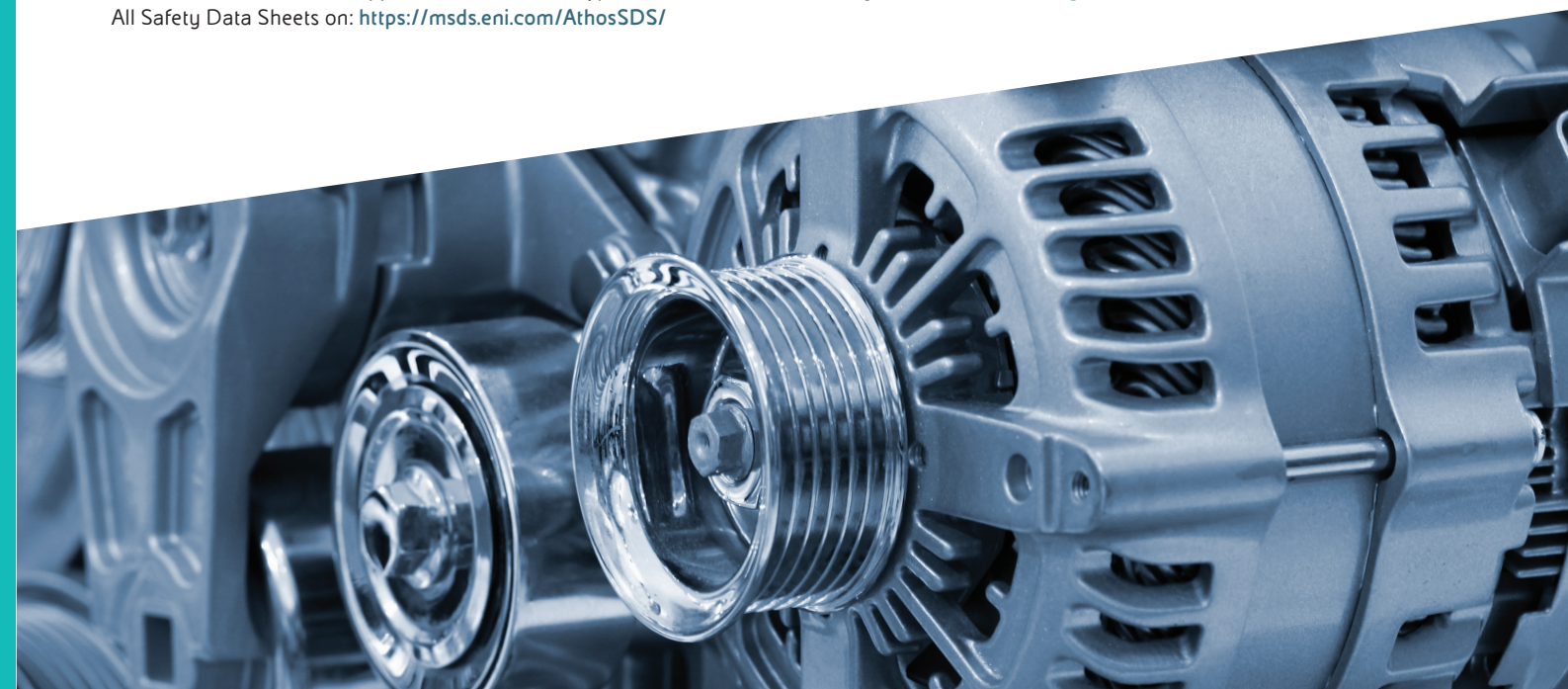
QUALITY AND ENVIRONMENT

Eni Refining & Marketing and Chemicals pursues the goal of continuous improvement through a "Quality Management System" certificated in accordance with the UNI EN ISO 9001:2008 in distribution and marketing of products.



CUSTOMER SERVICE

For further information on applications and features, please contact us at following e-mail: eniadditives@eni.com
All Safety Data Sheets on: <https://msds.eni.com/AthosSDS/>



Eni spa
Refining&Marketing and Chemicals

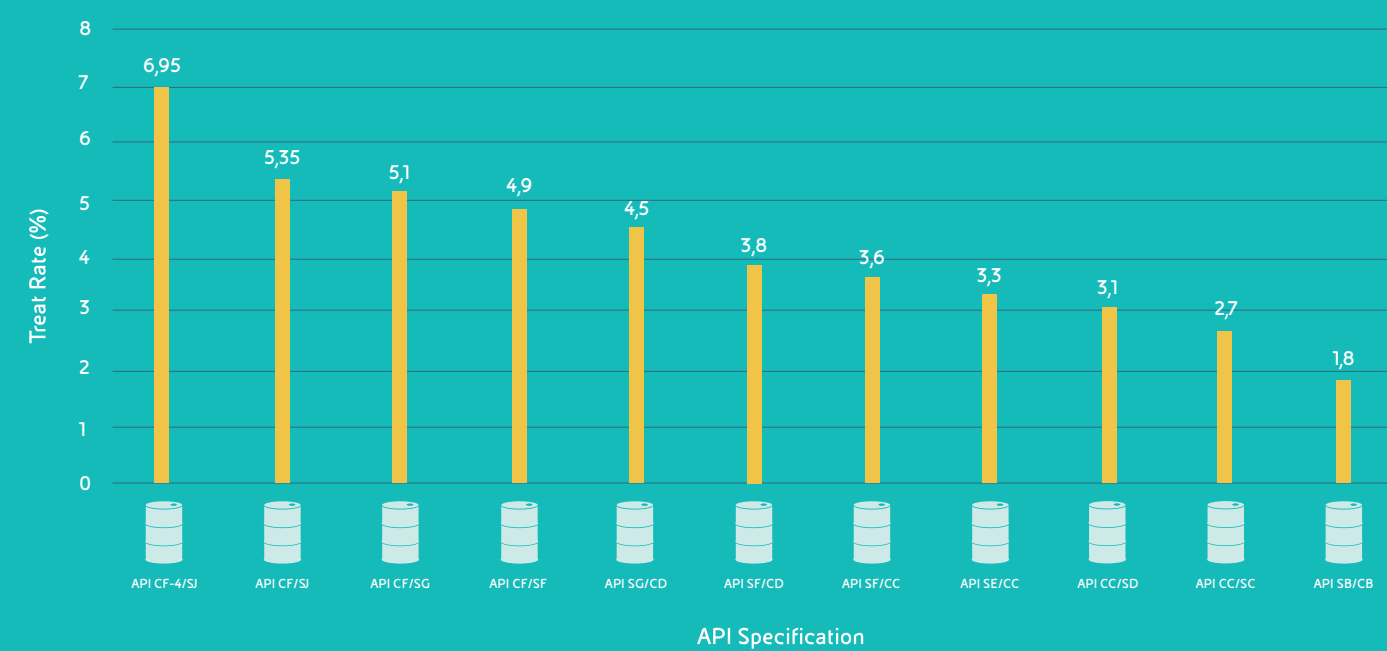
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Eni Triple Tech™



Eni MX 5212 can be considered a cascade package with very extensive treat level options.

Eni MX 5212 - Performance cascade



Eni is a major integrated energy company committed to growth in the activities of exploring, producing, transporting, transforming and marketing oil and gas and their derivatives. Eni operates in 83 Countries around the world, employing more than 84,000 people in all energy sectors in which it is involved.

Eni is the leader operator in refining and marketing of petroleum products in Italy, both in retail and wholesale and one of the most relevant player in Europe. Eni Refining & Marketing and Chemicals is engaged in the production and marketing of high quality special products, with advanced performances able to offer solutions to an increasingly, demanding and competitive market.

Customers always have a reliable contact in Eni and the confidence that a solution could be found to any problem. Eni is constantly searching for identifying and developing new and innovative challenges to meet and anticipate customer's needs.

ENI LUBE ADDITIVES

Eni operates in the sector of additives for lubricants through a completely integrated cycle.



Research & Development

In the Lubricant Additives field, Eni has a superior expertise and a commitment to innovation due to an extensive know-how. Through its Technological Research and Development department, Eni holds several patents regarding additives and their application in lubricants, confirming its enthusiastic and fruitful research work necessary to keep up with the new stringent specifications and oil performances. In the Eni Research Center in San Donato Milanese (close to Milano), the additives activity is devoted to:

- Synthesis of new products and their scale-up to the industrial production
- Evaluation of additives in laboratory tests
- Evaluation of finished lubricants containing additives in engine tests both according International specifications and with in-house tests

Furthermore, the Center co-operates with the most important Italian and foreign University and International Laboratories in order to find new molecules and methodologies in Additives field.

Raw materials procurement

Our products are based on a careful selection of the best raw materials in order to grant performing products. Eni produces some raw materials using its own technology.



Production

Eni produces its own additives in the plant at Robassomero (close to Torino - Northern Italy) which has high standards both in terms of production quality (ISO 9001 certificate) and in terms of respect of the environment and safety (ISO 14001 and ISO 18001 certificates).

Product portfolio:

- Viscosity Modifiers (from OCPs rubbers)
- Detergents (Neutral and overbased 300 and 400 TBN)
- Dispersants
- Antirust and Antiwear
- Pour Point Depressants (low-medium-heavy molecular weight)
- Automotive Packages (PCMO-HDDO-Moto-Marine)
- Industrial packages (Hydraulic oils, Steam and Gas Turbine Oil, Slideways lubricants).

Sales

Eni Additives Sales Department has been selling additives all over the world since 1987. Relying on the possibility of providing products in different types of packaging and using an efficient operational logistics structure, Eni Additives Sales Department takes care of small customers as well as big ones in the same way.



Customer care

Eni is committed to excellent and efficient service and high customer orientation with the aim to create value for all partners involved. Eni Additives Dept listen, understand and fulfil customers' needs and give them support through the after sales assistance Department. E-mail: eniadditives@eni.com



MADE IN ITALY

Italy's well-known tradition and culture of design to improve the quality of life is a fundamental part of our thinking and products, so we are proud to export "italianity" all over the world.

Eni Triple Tech™



MAIN BENEFITS

API specifications represent for lubricant manufacturers the main performance reference to be claimed (often reaching only "level" performances) in a lot of countries all around the world. With the aim of producing a "cost-effective" package, covering the most used API grades for both passenger car and heavy-duty applications, Eni designed in its Reserch & Development laboratories in San Donato Milanese the new Eni Triple Tech™.

- Eni Triple Tech™ Technology is the best choice for our customers:
- Covering all specifications from API SN/CF-4 to API SB/CB.
 - Reaching ACEA, JASO MA 2, JASO MB (in Eni base oils).
 - Guaranteeing a cascade package from API CF-4/SJ to API SB-CB.
 - Reducing the number of tanks dedicated to additives.
 - Obtaining cost savings (logistics, transportation, etc.).
 - Improving manufacturing flexibility.
 - Reducing supply complexity.

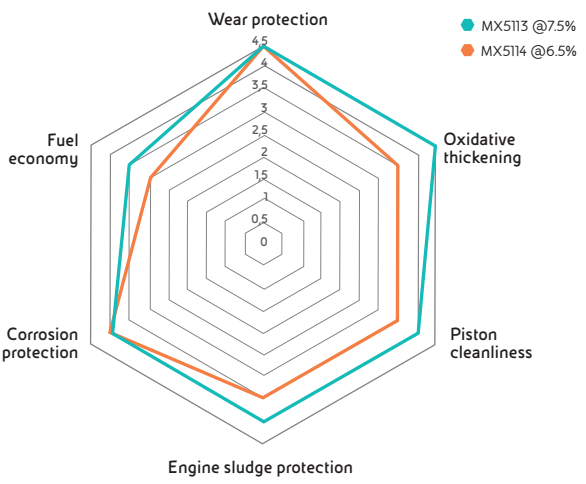
DESCRIPTION

Eni Triple Tech™ Technology is a new lubricants additive system consisting of 3 part-packages which, properly combined, allow the achievements of a wide range of cost-effective 4 stroke formulations starting from motorcycles lubricants to heavy duty ones. The result is a platform of products, which provides optimized treat cost ensuring at the same time engine protection and durability as shown in the graph where it is clear the protection role of Eni Triple Tech™ on engine lubricants with particular regard to wear and antioxidation properties.

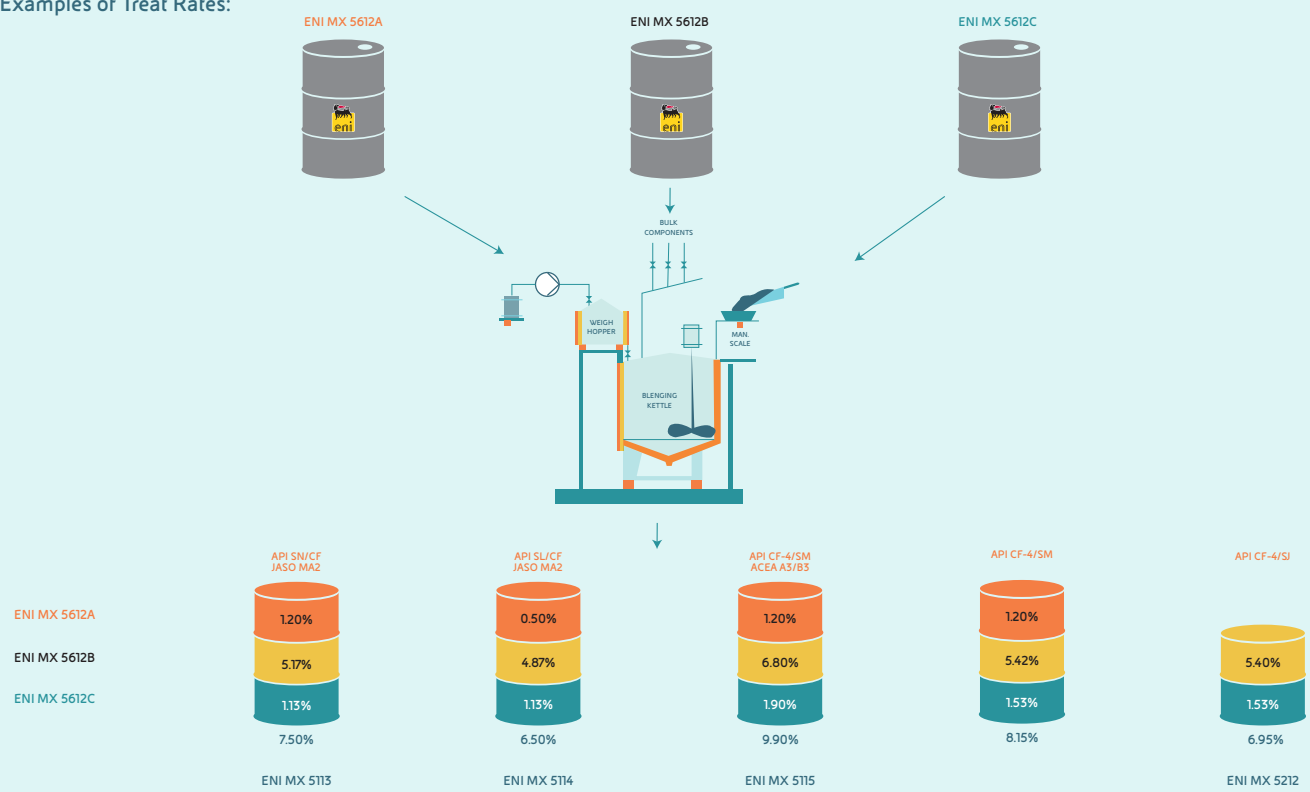
The three part-packages Eni MX 5612A, Eni MX 5612B and Eni MX 5612C have the following characteristics:

Eni MX 5612A: Antioxidant part-package to be used when levels from API SL to API SN are required.
Eni MX 5612B: Base part-package "core" of Triple Tech™ Technology.
Eni MX 5612C: Clean part-package, a detergent booster.

Triple Tech™ Performances



Examples of Treat Rates:



Eni MX 5113, Eni MX 5114, Eni MX 5115 and Eni MX 5212, which represent part of our cost-effective portfolio, can be conveniently prepared from Triple Tech™ Technology.