

The **VeryOne Newsletter** has a main objective: informing our partners about the world of fuels. We gather information on diesel and crude oils and share it with you. We use our dedicated VeryOne team to bring added value to the information we provide to our customers on **Cetane use**.

VeryOne Newsletter Issue n°6 at a glance:

- **Safety: Eurenco releases the 1st VeryOne fire video clip!**
- IBC containers now available through Tigro warehouse in Belgium
- VeryOne Cetane Improver Performance: profitability case study
- 12th Brussels Integer Emissions Conference 2016

HIGHLIGHT

SAFETY: EURENCO RELEASES THE FIRST VERYONE FIRE VIDEO CLIP! Is the VeryOne Cetane Improver igniting easily? No!

To illustrate the potential risks **during the handling and storage of VeryOne Cetane Improver (2EHN)**, EURENCO produced in July 2016 several videos clips. They highlight the VeryOne Cetane Improver behaviour in presence of ignition precursors. The main goal is to demonstrate the conditions of the VeryOne Cetane Improver ignition, that only occurs sporadically and to explain how to put it off.

The setting was established at the CNPP (Centre National de Prévention et de Protection) headquarters in Normandy, France.

The first test focuses on the behaviour of **the VeryOne Cetane Improver in presence of a flame** in 4 different phases: soft flame / hard flame / pressure system / spark through electric arc.

In this first security video clip, we witness that the VeryOne Cetane Improver is stable, hard to ignite and only **under specific conditions of flame intensity, heat, pressure and exposure time**. To avoid any risk of contact of flame or spark with the VeryOne Cetane Improver, always refer in any case to the MSDS and the ATC 2-EHN Handling Brochure.

The second safety video, about the VeryOne Cetane Improver in presence of heat sources, will be shared in the next newsletter.



CLICK ABOVE ON THE VIDEO

EURENCO NEWS

IBC CONTAINERS NOW AVAILABLE THROUGH TIGRO WAREHOUSE IN BELGIUM



Since July 2016, EURENCO has a brand new IBC storage in Belgium, as a complement to its 6 current bulk storage locations (Lavera-France, Antwerp-Belgium, Huelva-Spain, Houston-USA, Richmond-USA, Chicago-USA).

Its main advantage is to **optimize Eurenco's delivery time** by supplying the Northern Europe faster, in addition to its current IBC capacity of Sorgues (South of France).

A few words on this new IBC storage:

1. Located in Lommel in Belgium, in Tigro Industries Warehouse
2. Distance of **less than 2 hours drive from Rotterdam and Antwerp**
3. 2 IBC full trucks, always ready for shipment and available in only 24 hours
4. **Accessibility even during week-ends!**



IBC warehouse

BUSINESS NEWS DIESEL

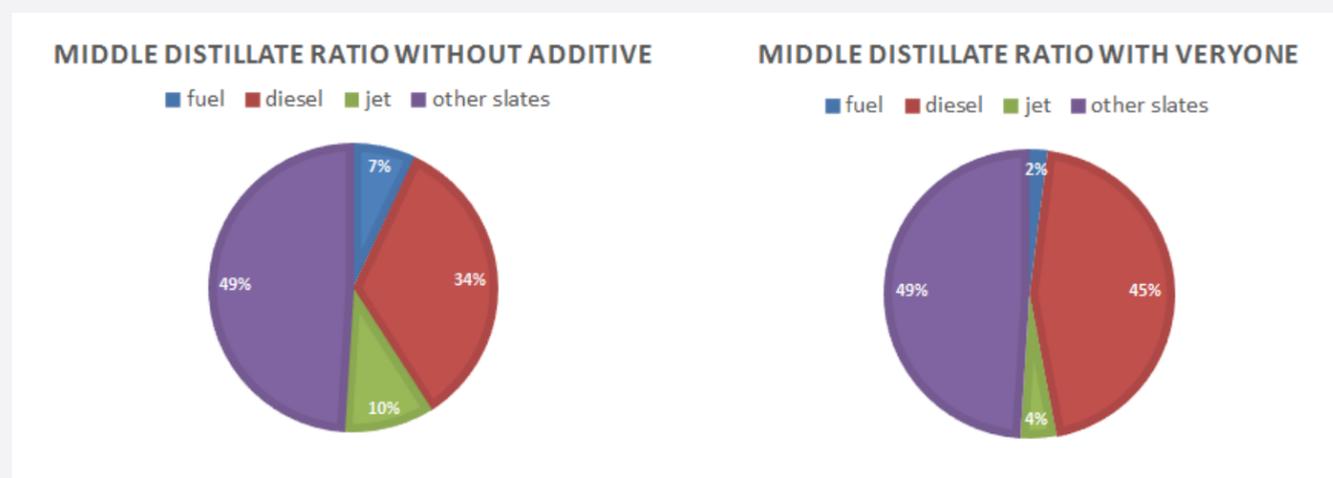
VERYONE CETANE IMPROVER PERFORMANCE CASE STUDY

When the VeryOne Cetane Improver highly improves a refinery's profitability

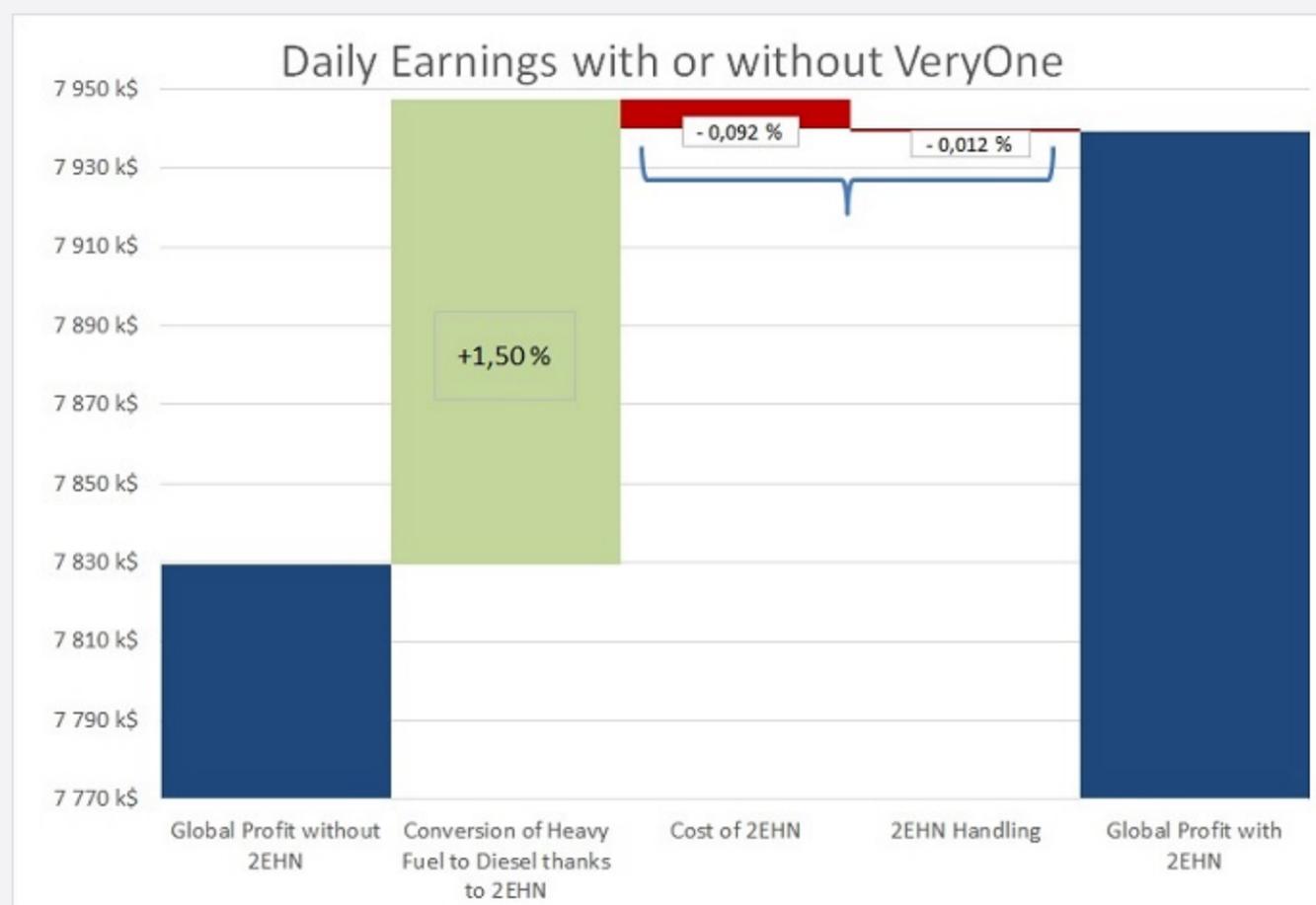
The purpose of a refinery is to transform crude oil in commercial distillates. **If the refinery can produce high value distillates, it generates a higher profitability.** The ability to add as much as possible "low quality" distillates in the pool makes the difference between the refineries profitabilities.

Several mechanical and thermal methods are used to increase and/or upgrade the middle distillate. In the diesel pool, few additives are used to reach the European diesel specification as described in the CEN EN590. **Among them, the VeryOne Cetane Improver (pure 2-ethyl hexyl nitrate) is able to boost Diesel's cetane number.** It enables refineries to use more "low value intermediates" such as kerosene or fuel oil.

This case study presents the final diesel yield gain by using the VeryOne Cetane Improver. The assumptions are: refinery based in Europe, capacity of 260 000 bb/d, cetane number target of 51.5, and VeryOne Cetane Improver treatment rate of 300 ppm (0.3 Liter/m3). The VeryOne Cetane Improver ability to increase cetane number makes possible increased kerosene and fuel oil addition to the Diesel pool. As a result, this refinery is able to produce around 10 % more diesel on specification.



The extra cost induced by the addition of VeryOne Cetane Improver (product and handling costs), is highly compensated by the extra value of the Diesel Pool.



The Diesel pool value gains 1.50%. **This optimized Diesel yield increases the daily earning by \$110 000.** This profit accounts for the daily cost associated to VeryOne Cetane Improver (\$ 8100: product and handling fees). As a conclusion, **1 USD invested in VeryOne Cetane Improver provides a 15 USD payback!**

EVENTS

12TH INTEGER EMISSIONS SUMMIT & ADBLUE FORUM EUROPE (BRUSSELS, BELGIUM – JUNE 21–23, 2016)

In June 2016, the 12th European Emission Summit took place in Brussels. This annual conference gathered all the main actors of the transportation industry, with major attendance of the OEM.

This unmissable event showcased the latest laws and technologies involved.

3 information sessions were held at the same time, regarding:

1. Heavy-duty commercial vehicles
2. Light-duty vehicles and passenger cars
3. Non-road mobile machinery



Regarding emissions, **the current hot topic in Europe is certainly NOx**. A clear improvement in terms of regulation and test methods homogenization was also noticeable. **The Real Driving Emissions System** clearly illustrates the global trend to erase the differences throughout the world.

*VeryOne,
Leading the way in Cetane Improver*

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