



**VeryOne®**

Leading the way  
in Cetane Improver

A Division of EURENCO

Issue n°7 - December 2016

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°7 at a glance:

- **Safety: Eurenco releases the 2nd VeryOne fire video clip!**
- The advantages to deliver the Cetane Improver in specific ISO containers
- High cetane index diesel case study: behaviour with VeryOne addition
- Focus on the 21st ERTC Lisbon Annual meeting

## HIGHLIGHT

### SAFETY: EURENCO RELEASES THE SECOND VERYONE FIRE VIDEO CLIP! The Cetane Improver's behaviour with heat sources

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 second test focuses on the behaviour of **the VeryOne Cetane Improver in presence of heat sources** in 2 successive phases: electric heating and then gas heating.

In this second security video clip, we witness that the VeryOne Cetane Improver is stable and **ignites only under high temperature**. However, to avoid any risk with the VeryOne Cetane Improver, always refer to the MSDS and the ATC 2-EHN Handling Brochure.

The third safety video, about the extinction of a small VeryOne Cetane Improver fire, will be shared in the next newsletter.



CLICK ABOVE ON THE VIDEO

## EURENCO NEWS

THE ADVANTAGES TO DELIVER THE CETANE IMPROVER IN  
SPECIFIC ISO CONTAINERS



HOYER CONTAINER ON RAILCAR

Today, **the best means of transport for the VeryOne Cetane Improver is the road bulk tank truck** (23 to 27 Tons; 45000 lbs), as it is convenient and easy to set up a door-to-door road delivery. The most important matter as described in the ADR (DOT), is the truck cleaning and drying before and after the loading of the VeryOne Cetane Improver.

Indeed, for bigger distances or overseas deliveries, tank trucks cannot be used. Therefore, specific 20 feet ISO containers for bulk liquids are used. Their main advantage is the flexibility to load the container either on truck, boat or train. **Over 1500 km (1000 miles), this solution becomes really cost-effective.**

**As for tank trucks, the ISO container should be cleaned and dried before loading and after unloading.** Besides, one of the main advantages is to let them in an adequate storage, on the ground or on a chassis, during the period preceding the usage (a few days in average).

Moreover, the possibility to store **full ISO container on a chassis, drastically reduces the delivery lead time.** Some of EURENCO's clients have already chosen to be delivered by dedicated ISO container. In fact, those containers can be delivered very rapidly (less than 8 hours). Besides, as they are exclusive, there is no need to wash them between 2 turns.



VERYONE 20 FEET ISO CONTAINER

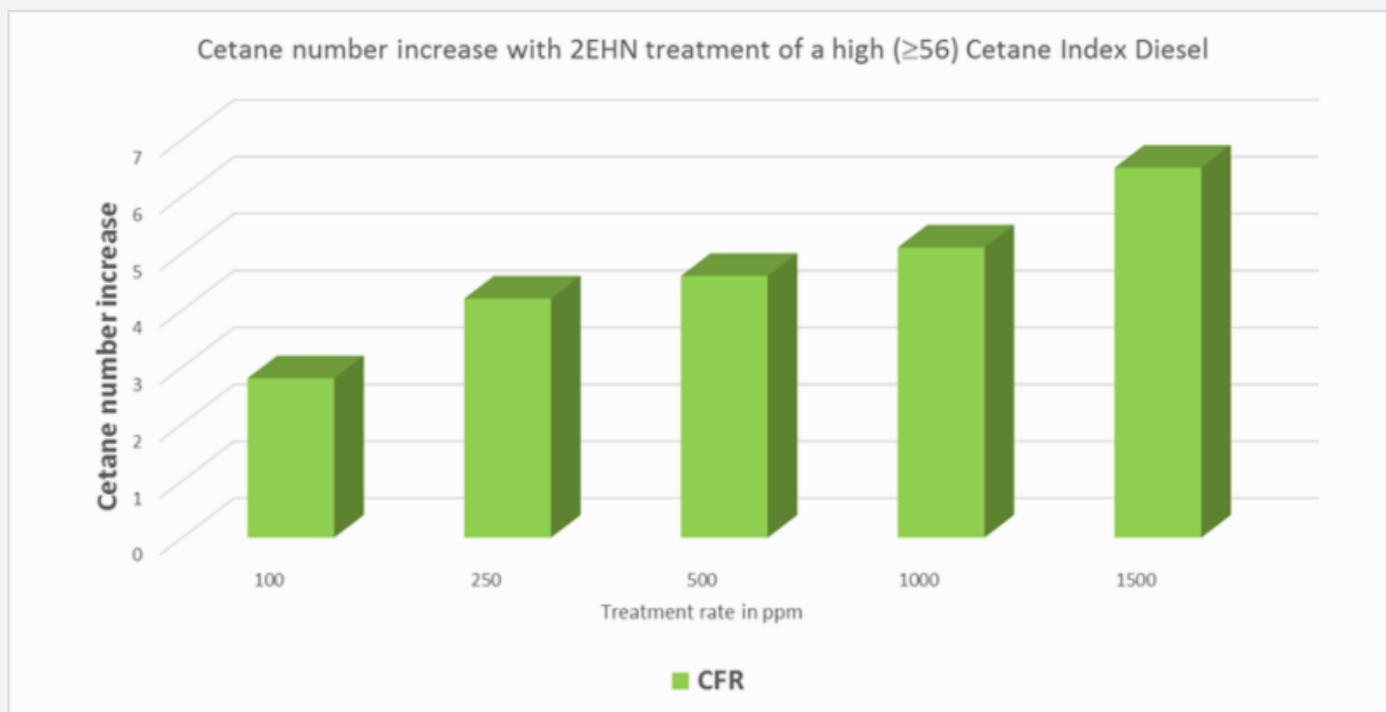
To conclude, **bulk ISO container is by far the best solution for long distance deliveries.** Indeed, local storages of full ISO containers can ensure a supply security, close to the end-user.

## BUSINESS NEWS DIESEL

### HIGH CETANE INDEX DIESEL CASE STUDY: BEHAVIOUR WITH VERYONE ADDITION

#### Increasing the Cetane of already High Cetane Diesels with VeryOne

Eurenco has recently conducted a study with diesel containing high content of FAME (>15%). This biodiesel had an intrinsic high cetane number above 56. **The purpose was to observe if the VeryOne Cetane Improver still adds a positive impact on this type of diesel.**



With a diesel having a starting cetane number above 56, **it was found out that it can be increased by almost 4 points with 250 ppm treatment.** While we were able to observe a slowing effect of the Cetane Improver addition after 250 ppm, the diesel still gained 6 points in cetane number with the addition of 1500 ppm of VeryOne. **Therefore, VeryOne is suitable for high FAME containing diesel even with high initial cetane number.**

## EVENTS

### 21ST ERTC ANNUAL MEETING (LISBON, PORTUGAL – NOVEMBER 14/16, 2016)

In November, as each year, EURENCO attended to ERTC for 2 days of lectures. More than 500 international oil players (including 200 refiners), gathered altogether to get **an overview of the European refining market, its challenges and latest technologies.**

More than ever, the topics such as overcapacity, stringent regulations and fierce competition, increases the pressure throughout the world. Therefore, to reverse this trend and maintain high profitability, the European refiners should now focus on 5 work axis: **reliability, efficiency, flexibility, process improvement and innovation & technology.**

Some examples to help refineries optimizing their costs and keeping this industry competitive, were shared such as **more efficient catalysts, additives addition, new biofuels and biomass conversions.**

Those lectures, through 3 presentations and roundtables, enabled the attendees to be informed on the industrialized technologies and even on current projects still under development.

We are looking forward to meeting you next year in Athens, for the 22nd ERTC edition!

More information on <http://ertc.events.gtforum.com/>



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