Cetane Number Improver (2-EHN) Market Analysis: By Diesel Type (Petroleum Diesel and Biodiesel); By Market Type (Direct Market and After Market) and By Region - With Forecast (2015 - 2020)

Description:

Cetane number is an evaluation of combustion quality of diesel fuel during compression ignition. Combustion is not an immediate process after fuel injection which leads to ignition delay. An increase in cetane number reduces the delay between injection and ignition of fuel. In diesel engine, cetane number requirements are based upon various factors such as engine design, speed, size and load variations on starting and atmospheric conditions.

Cetane number improver is a type of additive which increases the cetane number of diesel fuel. Cetane number improvers are of several types such as nitrates, peroxides and others. Nitrates and peroxides are sub classified into two types such as 2-ethylhexyl nitrate and di-tertiary butyl peroxide respectively.

The scope of the report includes only 2-ethylhexyl nitrate as it is most widely used in the market as cetane number improvers. Cetane number improver (2-EHN) can be added in different stages such as in oil-refinery, tank farms, fuel distribution system and as aftermarket products. Cetane number improvers are used in both petroleum diesel and bio diesel. Cetane number improvers are used across several industries such as oil-refinery, automotive manufacturing, agricultural, marine, power-generators and others. Others include locomotives, railway and military transportation. Diesel engines operating on low cetane number diesel fuel delays ignition, noisy, emit white smoke and hydrocarbon pollutants and consume extra fuel than required. These types of diesel fuels have presence of large amount aromatics and fewer amounts of alkanes, alkenes and naphthenes. The main factor owing to growth of this market is stringent emission control regulations on diesel fuels to control environmental pollution. Government authorities across the world framed some standards for having minimum cetane number in diesel fuel. Cetane number depends upon various factors such as choice of crude oil, refinery processing, blending of diesel and the treat rate of additives. Cetane number standards are difficult to meet if the crude oil quality is low. Hence, cetane number improvers (CNI) are being added to increase the cetane value of diesel for efficient use and also help in reduction of gases such as NOx (notably from heavy-duty engines), CO, particulate matter and acetaldehyde emissions (notably from light-duty engines).

In terms of market type, oil-refinery market accounts around 88% of the global cetane number improver market followed by after-market. Companies like Innospec Inc., VeryOne (Eurenco), NitroERG, EPC-UK, Kutch chemicals and many more are major suppliers of cetane number improver in oil-refinery market.

The overall market is also presented from the perspective of different geographic regions and the key countries in each region. The market has been segmented into four regions namely North America, Europe, Asia-Pacific and Rest of the World. Competitive landscape for industry and market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments.

The key players profiled in this report include like:
Innospec Inc.
VeryOne (Eurenco)
NitroERG
EPC-UK
Kutch chemicals and others.

Innospec Inc. and EPC-UK PLC hold major market followed by VeryOne (Eurenco Limited), NITROERG SA, Kutch Chemicals Limited and others.

Contents:
1. Cetane Number Improver- Market Overview
2. Executive Summary
3. Cetane Number Improver- Market Landscape
3.1. Market Share Analysis
3.2. Comparative Analysis
3.2.1. Product Benchmarking
3.2.2. Top 5 Financials Analysis
4. Cetane Number Improver- Market Forces
4.1. Market Drivers
4.1.1. Stringent Emission Control Regulations Driving The Cetane Number Improver Market
4.1.2. Global Diesel Demand Increasing As Number Of Passenger Fleet Is Projected To Amplify From 2012-2035.
4.2. Market Constraints
4.2.1. Advanced Refining Technology used in manufacturing diesel fuel
4.3. Market Challenges
4.3.1. Non bio-degradable 2-EHN is hazardous to the environment
4.4. Attractiveness of the Cetane Number Improver Industry
4.4.1. Power of Suppliers
4.4.2. Power of Customers
4.4.3. Threat of New entrants
4.4.4. Threat of Substitution
4.4.5. Degree of Competition
5. Cetane Number Improver Market - Strategic Analysis
5.1. Value Chain Analysis
5.2. Pricing Analysis
5.3. Opportunities Analysis
5.4. Product/Market Life Cycle Analysis
5.5. Suppliers and Distributors
6. Cetane Number Improver Market - By Diesel Type
6.1. Petroleum diesel
6.2. Biodiesel
7. Cetane Number Improver Market - By Market Type
7.1. Oil Refinery Market
7.2. After-Market
7.2.1. Automotive
7.2.2. Agriculture
7.2.3. Power Generators
7.2.4. Marine
7.2.5. Others
8. Cetane Number Improver Market—By Region
8.1. Introduction
8.2. North America
8.2.1. U.S.
8.2.2. Canada
8.2.3. Others
8.3. Europe
8.3.1. Germany
8.3.2. Italy
8.3.3. France
8.3.4. Others
8.4. APAC
8.4.1. China
8.4.2. India
8.4.3. Japan
8.4.4. Others
8.5. ROW
8.5.1. Saudi- Arabia
8.5.2. South-Africa
8.5.3. Iran
8.5.4. Others
9. Company Profiles
9.1. Innospec Inc.
9.2. Very One (Eurenco Inc.)
9.3. NITROERG S.A.
9.4. EPC-UK plc.
9.5. CetPro Ltd.
9.6. The Lubrizol Corporation
9.7. BASF SE
9.8. Cestoil Chemicals Inc.
9.9. Afton Chemical Corporation
9.10. Baker Hughes Incorporated
9.11. Southwestern Petroleum Corporation
9.13. Dorf-Ketal Chemicals India Private Limited
10. Appendix
10.1. Abbreviations
10.2. Sources
10.3. Research Methodology
10.4. Compilation of Expert Insights
10.5. Disclaimer

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3339468/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Cetane Number Improver (2-EHN) Market Analysis: By Diesel Type (Petroleum Diesel and Biodiesel); By Market Type (Direct Market and After Market) and By Region - With Forecast (2015 - 2020)
Web Address: http://www.researchandmarkets.com/reports/3339468/
Office Code: SCBRLVSK

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 5250</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 6250</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 8450</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  
First Name:  
Email Address:  
Job Title:  
Organisation:  
Address:  
City:  
Postal / Zip Code:  
Country:  
Phone Number:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World