

Global Hydrodesulfurization Catalysts Market Size study & Forecast, by Type (Load Type, Non-load Type) by Application (Diesel, Naphtha, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Hydrodesulfurization Catalysts Market is valued at approximately USD 2.7 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.4% over the forecast period 2022-2029. Hydrodesulfurization can also be referred to as HDS. Hydrodesulfurization Catalysts are used to remove sulfur from natural gas and fuels. It is widely used to remove toxic substances from raw petroleum such as gasoline, jet fuel, diesel fuel, and fuel oils to make it more efficient and helps in the reduction of combustion byproducts. Sulfur poisons the noble metal catalysts in the catalytic reforming units, which are employed to raise the naphtha streams' octane rating, even at very low quantities, which is another crucial justification for removing sulfur from them. Growing awareness of low sulfur content in fuels, Supportive government policy or regulations regarding the use of clean & low-sulfur fuels, and growing demand & adoption for low-sulfur marine fuels are the factors driving the market growth.

According to the Australian Maritime Safety Authority, in March 2020, the ships were restricted to transport fuel oil with a sulfur content of more than 0.50% m/m. Hydrodesulfurization Catalysts are used to reduce the toxic content i.e. sulfur of the fuel which causes air pollution. According to the PLOS Organization, in India, there were around 482,000 premature deaths per year caused by household air pollution by the end of the year 2016, As a result, the Indian government announced the Pradhan Mantri Ujjwala Yojana, to provide access to clean cooking fuels to the Indian households. Growing awareness of low sulfur content in fuels, Supportive government policies or regulations regarding the use of clean & low-sulfur fuels are the major factors driving the growth of the market. Another important component driving market increase is the

growing demand & adoption of low-sulfur marine fuels. Furthermore, increasing awareness of cleaner fuels and increasing government initiatives regarding the reduction of sulfur content in fuels are the factors creating major market opportunities in the forecast period. However, the negative impact of Covid-19 on Hydrodesulfurization Catalysts stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Hydrodesulfurization Catalysts Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the increase in the awareness of harmful effects of sulfur dioxide on the environment, and increasing government policies that restrict the use of sulfur content in automotive fuels such as diesel, natural gas, gasoline & others. Asia Pacific is expected to grow at the highest CAGR during the forecast period, owing to factors such as the growing establishment and expansion of oil refineries, rising demand and production of low sulfur content fuels, and increasing adoption of clean fuels in the region.

Major market player included in this report are:

Albemarle Corporation
Haldor Topsoe A/S
Johnson Matthey Plc
Royal Dutch Shell PLC
Honeywell International Inc
Advanced Refining Technologies LLC
Axens SA
JGC C&C
China Petroleum & Chemical Corporation
Petrochina Company Limited

Recent Developments in the Market:

In January 2020, A regulation called IMO 2020 was passed, to reduce the existing amount of sulfur permitted in commercial marine fuel to 0.5% for ships operating globally.

Global Hydrodesulfurization Catalysts Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Load Type

Non-load Type

By Application:

Diesel

Naphtha

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

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