

Global Residue Hydrodesulfurization Catalysts Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Residue Hydrodesulfurization Catalysts market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

RHDS catalysts work by promoting the chemical reaction that converts sulfur compounds into hydrogen sulfide, a gas that can be easily separated from the hydrocarbon stream. These catalysts are typically made up of a high-surface-area metal oxide support, such as alumina or silica, impregnated with active metals such as cobalt and molybdenum.

The RHDS catalyst market is primarily driven by the growing demand for cleaner fuels worldwide, as governments enact increasingly stringent emissions regulations. In addition, the rise of electric vehicles has put pressure on traditional fuel producers to improve the environmental impact of their products.

The market for RHDS catalysts is also influenced by the price of crude oil, as low oil prices can lead to decreased investment in oil refining and a reduction in demand for catalysts. Conversely, high oil prices can lead to increased investment in oil refining and a higher demand for catalysts.

Geographically, Asia-Pacific is the largest consumer of RHDS catalysts, due to the region's large and growing refining industry. China is a major market for RHDS catalysts, as the country has a large and rapidly growing demand for transportation

fuels. North America and Europe are also significant markets for RHDS catalysts, as these regions have well-established refining industries.

Major players in the RHDS catalyst market include Albemarle Corporation, Haldor Topsoe A/S, Clariant AG, W.R. Grace & Co.-Conn, and BASF SE. These companies compete on the basis of product quality, price, and customer service.

Residue hydrodesulfurization (RHDS) catalysts are highly specialized materials used in the petroleum industry to remove sulfur from heavy oil fractions. These catalysts are essential in the production of clean fuels, as the sulfur content in crude oil can cause harmful emissions when combusted.

This report is a detailed and comprehensive analysis for global Residue Hydrodesulfurization Catalysts market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Residue Hydrodesulfurization Catalysts market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Residue Hydrodesulfurization Catalysts market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Residue Hydrodesulfurization Catalysts market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Residue Hydrodesulfurization Catalysts market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Residue Hydrodesulfurization Catalysts

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Residue Hydrodesulfurization Catalysts market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Advanced Refining Technologies (ART), Albemarle, Shell Catalysts & Technologies, Haldor Topsoe and UOP, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Residue Hydrodesulfurization Catalysts market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Nickel-Tungsten

Nickel-Molybdenum

Cobalt-Molybdenum

Other

Market segment by Application

Atmospheric Residue

Vacuum Residue

Major players covered

Advanced Refining Technologies (ART)

Albemarle

Shell Catalysts & Technologies

Haldor Topsoe

UOP

Axens

Johnson Matthey

Sinopec

CNPC

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Residue Hydrodesulfurization Catalysts product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Residue Hydrodesulfurization Catalysts, with price, sales, revenue and global market share of Residue Hydrodesulfurization Catalysts from 2018 to 2023.

Chapter 3, the Residue Hydrodesulfurization Catalysts competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Residue Hydrodesulfurization Catalysts breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Residue Hydrodesulfurization Catalysts market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Residue Hydrodesulfurization Catalysts.

Chapter 14 and 15, to describe Residue Hydrodesulfurization Catalysts sales channel, distributors, customers, research findings and conclusion.

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