

Global Residue Upgrading Catalysts Market Growth 2026-2032

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Abstracts

The global Residue Upgrading Catalysts market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Residue Upgrading Catalysts are specialized chemicals used in the refining process to convert heavy crude oils and refinery residues into lighter, more valuable products such as gasoline, diesel and jet fuel. These catalysts help break down the large, complex hydrocarbon molecules found in heavy oils, remove impurities such as sulfur, nitrogen and metals, and increase the hydrogen content. Residue upgrading processes include hydrotreating (hydroprocessing and hydrocracking), fluid catalytic cracking (FCC) and other processes. The use of these catalysts improves the efficiency and economic viability of refining operations, helping to meet the growing demand for cleaner fuels while minimizing waste and environmental impact.

United States market for Residue Upgrading Catalysts is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Residue Upgrading Catalysts is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Residue Upgrading Catalysts is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Residue Upgrading Catalysts players cover BASF, ART Hydroprocessing, Shell, Axens, Topsoe, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Residue Upgrading Catalysts Industry Forecast” looks at past sales and reviews total world Residue Upgrading Catalysts sales in 2025, providing a comprehensive analysis by region and market sector of projected Residue Upgrading Catalysts sales for 2026 through 2032. With Residue Upgrading Catalysts sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Residue Upgrading Catalysts industry.

This Insight Report provides a comprehensive analysis of the global Residue Upgrading Catalysts landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Residue Upgrading Catalysts portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Residue Upgrading Catalysts market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Residue Upgrading Catalysts and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Residue Upgrading Catalysts.

This report presents a comprehensive overview, market shares, and growth opportunities of Residue Upgrading Catalysts market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Hydroprocessing Catalysts

Fluid Catalytic Cracking (FCC) Catalysts

Others

Segmentation by Application:

Vacuum Residue

Atmospheric Residue

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BASF

ART Hydroprocessing

Shell

Axens

Topsoe

Albemarle

Grace Catalysts Technologies

Honeywell UOP

Johnson Matthey

JGC C&C

KNT Group

Sinopec

CNPC

HCpect

Rezel

Key Questions Addressed in this Report

What is the 10-year outlook for the global Residue Upgrading Catalysts market?

What factors are driving Residue Upgrading Catalysts market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Residue Upgrading Catalysts market opportunities vary by end market size?

How does Residue Upgrading Catalysts break out by Type, by Application?

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