Global Refining Catalyst Information: By Type (FCC Catalysts, Hydrotreating Catalysts, Hydrocracking Catalysts, Catalytic Reforming Catalysts) Ingredients (Zeolites, Metals, and Chemical Compounds), And Region - Forecast Till 2023

Synopsis of refining catalyst

catalyst enhances the rate of chemical reactions and are considered a critical part of a process in terms of cost and time efficiency. Refinery catalyst are used in refineries for the process of converting petroleum refining products from crude to high octanes liquid products such as diesel, kerosene, gasoline, and others. These catalysts are used in various processes such as hydrotreating, hydrocracking, and catalyst reforming among others. The global catalyst refining market is estimated to exhibit a CAGR of over 4% during the forecast, 2018–2023.

The growing demand for cleaner petroleum products is the major factor driving the growth of the global refining catalyst market during the assessment period. Moreover, the growing population across the globe has triggered the need for energy, which is contributing to the growth of the market. Moreover, the growing oil and gas related activities, especially in the emerging Asia Pacific region, is also likely to fuel the demand for refinery catalyst during the forecast period.

On the basis of type, hydrocracking catalyst segment is expected to exhibit the highest growth during the forecast period. The hydrocracking catalysts are used extensively because it does not produce coke as a by-product, which results in the efficient conversion of feedstock. On the basis of the ingredient, the metal segment accounted for the largest share in 2017 and is anticipated to exhibit the same trend during the forecast period. The metals are highly employed in hydrocracking and hydrotreating for the removal of unwanted particles and for reducing emissions of harmful gases. Thereby, the growing demand for less emitting fuel owing to the stringent government regulations is majorly contributing to the growth of the segment.

Global Refining catalyst Share by Ingredients

Source: MRFR analysis

Regional Analysis

The global refining catalyst market is segmented into five regions: Europe, Latin America, Asia Pacific, North America, and the Middle East & Africa.

Asia Pacific is the largest market and is expected to grow at an expanding CAGR during the assessment period. The presence of the most populated economies has augmented the demand for energy in the region, which is a significant
factor driving the demand for refining catalyst in the region. Moreover, the rapid development of polymer manufacturing and refining companies in the region is affecting the market growth positively. Furthermore, the presence of the largest refinery in the region is also projected to drive the demand for refinery catalysts.

The Middle East is expected to grow at a steady CAGR owing to the growing oil and gas exploration activities. The North American region is another dominant market for refinery catalyst. The recent shale gas boom in the region has boosted the demand for refinery catalyst mainly in the U.S. Moreover, the stringent regulations pertaining to the use of crude emission is significantly the revenue of the refinery catalyst market.

**Segmental Analysis**

The global refining catalyst is segmented into a type, ingredients, and region. On the basis of the type, the market is segregated into Fluid Catalytic Cracking (FCC) Catalysts, hydroprocessing catalysts, catalytic reforming catalysts, and others. On the basis of the ingredients, the market is segregated into zeolites, metals, chemical compounds and others.

**Key Players**

Some of the prominent players operating in the global Refining catalyst are Albemarle Corporation, W. R. Grace & Co., Haldor Topsoe A/S, Honeywell, Uop Lic., Criterion Catalysts & Technologies L.P, Axens Sa, BASF SE, China Petroleum & Chemical Corporation, Clariant International Ltd, and Johnson Matthey Plc among others.

**Geographical Analysis**

The report covers brief analysis of the major geographic regions namely Asia Pacific, Europe, North America, Latin America, and the Middle East & Africa.

**Intended Audience**

- Refining catalyst producers
- Traders and Distributors of Refining catalyst market
- Production process industries
- Potential investors

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