

Global Hydroprocessing Catalysts (HPC) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Hydroprocessing Catalysts (HPC) market size is expected to reach \$ 2437.8 million by 2029, rising at a market growth of 3.6% CAGR during the forecast period (2023-2029).

Global key producers of hydrogenation catalysts (HPC) include Advanced Refining Technologies (ART), Albemarle, Shell Catalysts & Technologies, Haldor Topsoe, and others. The top three producers together hold 45% of the market share, with Albemarle being the largest producer with over 20%. Global origins are mainly located in North America, Europe, China, Japan, Southeast Asia, etc., with North America being the largest production region, occupying more than 50% of the market share. In terms of product categories, hydrotreating holds the main market with 80% market share and hydrocracking with 20%. In terms of applications, diesel hydrotreat is the number one application with 27% market share, followed by naphtha and lube oils.

Hydrogenation catalyst is a type of catalyst that is to treat with hydrogen – is a chemical reaction between molecular hydrogen (H₂) and another compound or element, usually in the presence of a catalyst such as nickel, palladium or platinum. The process is commonly employed to reduce or saturate organic compounds. Hydrogenation typically constitutes the addition of pairs of hydrogen atoms to a molecule, often an alkene. Catalysts are required for the reaction to be usable; non-catalytic hydrogenation takes place only at very high temperatures. Hydrogenation reduces double and triple bonds in hydrocarbons.

This report studies the global Hydroprocessing Catalysts (HPC) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hydroprocessing Catalysts (HPC), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Hydroprocessing Catalysts (HPC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hydroprocessing Catalysts (HPC) total production and demand, 2018-2029, (K MT)

Global Hydroprocessing Catalysts (HPC) total production value, 2018-2029, (USD Million)

Global Hydroprocessing Catalysts (HPC) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Hydroprocessing Catalysts (HPC) consumption by region & country, CAGR, 2018-2029 & (K MT)

U.S. VS China: Hydroprocessing Catalysts (HPC) domestic production, consumption, key domestic manufacturers and share

Global Hydroprocessing Catalysts (HPC) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K MT)

Global Hydroprocessing Catalysts (HPC) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Hydroprocessing Catalysts (HPC) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K MT).

This reports profiles key players in the global Hydroprocessing Catalysts (HPC) 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, UOP, Axens, Johnson Matthey, Sinopec and CNPC, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Hydroprocessing Catalysts (HPC) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Hydroprocessing Catalysts (HPC) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hydroprocessing Catalysts (HPC) Market, Segmentation by Type

Hydrotreating

Hydrocracking

Global Hydroprocessing Catalysts (HPC) Market, Segmentation by Application

Diesel Hydrotreat

Lube Oils

Naphtha

Residue Upgrading

Others

Companies Profiled:

Advanced Refining Technologies (ART)

Albemarle

Shell Catalysts & Technologies

Haldor Topsoe

UOP

Axens

Johnson Matthey

Sinopec

CNPC

SJEP

Key Questions Answered

Global Hydroprocessing Catalysts (HPC) Supply, Demand and Key Producers, 2023-2029

1. How big is the global Hydroprocessing Catalysts (HPC) market?
2. What is the demand of the global Hydroprocessing Catalysts (HPC) market?
3. What is the year over year growth of the global Hydroprocessing Catalysts (HPC) market?
4. What is the production and production value of the global Hydroprocessing Catalysts (HPC) market?
5. Who are the key producers in the global Hydroprocessing Catalysts (HPC) market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Hydroprocessing Catalysts (HPC) Introduction
- 1.2 World Hydroprocessing Catalysts (HPC) Supply & Forecast
 - 1.2.1 World Hydroprocessing Catalysts (HPC) Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Hydroprocessing Catalysts (HPC) Production (2018-2029)
 - 1.2.3 World Hydroprocessing Catalysts (HPC) Pricing Trends (2018-2029)
- 1.3 World Hydroprocessing Catalysts (HPC) Production by Region (Based on Production Site)
 - 1.3.1 World Hydroprocessing Catalysts (HPC) Production Value by Region (2018-2029)
 - 1.3.2 World Hydroprocessing Catalysts (HPC) Production by Region (2018-2029)
 - 1.3.3 World Hydroprocessing Catalysts (HPC) Average Price by Region (2018-2029)
 - 1.3.4 North America Hydroprocessing Catalysts (HPC) Production (2018-2029)
 - 1.3.5 Europe Hydroprocessing Catalysts (HPC) Production (2018-2029)
 - 1.3.6 Southeast Asia Hydroprocessing Catalysts (HPC) Production (2018-2029)
 - 1.3.7 Japan Hydroprocessing Catalysts (HPC) Production (2018-2029)
 - 1.3.8 China Hydroprocessing Catalysts (HPC) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Hydroprocessing Catalysts (HPC) Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Hydroprocessing Catalysts (HPC) Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Hydroprocessing Catalysts (HPC) Demand (2018-2029)
- 2.2 World Hydroprocessing Catalysts (HPC) Consumption by Region
 - 2.2.1 World Hydroprocessing Catalysts (HPC) Consumption by Region (2018-2023)
 - 2.2.2 World Hydroprocessing Catalysts (HPC) Consumption Forecast by Region (2024-2029)
- 2.3 United States Hydroprocessing Catalysts (HPC) Consumption (2018-2029)
- 2.4 China Hydroprocessing Catalysts (HPC) Consumption (2018-2029)
- 2.5 Europe Hydroprocessing Catalysts (HPC) Consumption (2018-2029)
- 2.6 Japan Hydroprocessing Catalysts (HPC) Consumption (2018-2029)

- 2.7 South Korea Hydroprocessing Catalysts (HPC) Consumption (2018-2029)
- 2.8 ASEAN Hydroprocessing Catalysts (HPC) Consumption (2018-2029)
- 2.9 India Hydroprocessing Catalysts (HPC) Consumption (2018-2029)

3 WORLD HYDROPROCESSING CATALYSTS (HPC) MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Hydroprocessing Catalysts (HPC) Production Value by Manufacturer (2018-2023)
- 3.2 World Hydroprocessing Catalysts (HPC) Production by Manufacturer (2018-2023)
- 3.3 World Hydroprocessing Catalysts (HPC) Average Price by Manufacturer (2018-2023)
- 3.4 Hydroprocessing Catalysts (HPC) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Hydroprocessing Catalysts (HPC) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Hydroprocessing Catalysts (HPC) in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Hydroprocessing Catalysts (HPC) in 2022
- 3.6 Hydroprocessing Catalysts (HPC) Market: Overall Company Footprint Analysis
 - 3.6.1 Hydroprocessing Catalysts (HPC) Market: Region Footprint
 - 3.6.2 Hydroprocessing Catalysts (HPC) Market: Company Product Type Footprint
 - 3.6.3 Hydroprocessing Catalysts (HPC) Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Hydroprocessing Catalysts (HPC) Production Value Comparison
 - 4.1.1 United States VS China: Hydroprocessing Catalysts (HPC) Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Hydroprocessing Catalysts (HPC) Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Hydroprocessing Catalysts (HPC) Production Comparison
 - 4.2.1 United States VS China: Hydroprocessing Catalysts (HPC) Production

Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Hydroprocessing Catalysts (HPC) Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Hydroprocessing Catalysts (HPC) Consumption Comparison

4.3.1 United States VS China: Hydroprocessing Catalysts (HPC) Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Hydroprocessing Catalysts (HPC) Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Hydroprocessing Catalysts (HPC) Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value (2018-2023)

4.4.3 United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production (2018-2023)

4.5 China Based Hydroprocessing Catalysts (HPC) Manufacturers and Market Share

4.5.1 China Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value (2018-2023)

4.5.3 China Based Manufacturers Hydroprocessing Catalysts (HPC) Production (2018-2023)

4.6 Rest of World Based Hydroprocessing Catalysts (HPC) Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Hydroprocessing Catalysts (HPC) Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Hydrotreating

5.2.2 Hydrocracking

5.3 Market Segment by Type

5.3.1 World Hydroprocessing Catalysts (HPC) Production by Type (2018-2029)

5.3.2 World Hydroprocessing Catalysts (HPC) Production Value by Type (2018-2029)

5.3.3 World Hydroprocessing Catalysts (HPC) Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Hydroprocessing Catalysts (HPC) Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Diesel Hydrotreat

6.2.2 Lube Oils

6.2.3 Naphtha

6.2.4 Residue Upgrading

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Hydroprocessing Catalysts (HPC) Production by Application (2018-2029)

6.3.2 World Hydroprocessing Catalysts (HPC) Production Value by Application (2018-2029)

6.3.3 World Hydroprocessing Catalysts (HPC) Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Advanced Refining Technologies (ART)

7.1.1 Advanced Refining Technologies (ART) Details

7.1.2 Advanced Refining Technologies (ART) Major Business

7.1.3 Advanced Refining Technologies (ART) Hydroprocessing Catalysts (HPC) Product and Services

7.1.4 Advanced Refining Technologies (ART) Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Advanced Refining Technologies (ART) Recent Developments/Updates

7.1.6 Advanced Refining Technologies (ART) Competitive Strengths & Weaknesses

7.2 Albemarle

7.2.1 Albemarle Details

7.2.2 Albemarle Major Business

7.2.3 Albemarle Hydroprocessing Catalysts (HPC) Product and Services

7.2.4 Albemarle Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.2.5 Albemarle Recent Developments/Updates

7.2.6 Albemarle Competitive Strengths & Weaknesses

7.3 Shell Catalysts & Technologies

7.3.1 Shell Catalysts & Technologies Details

7.3.2 Shell Catalysts & Technologies Major Business

7.3.3 Shell Catalysts & Technologies Hydroprocessing Catalysts (HPC) Product and Services

7.3.4 Shell Catalysts & Technologies Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Shell Catalysts & Technologies Recent Developments/Updates

7.3.6 Shell Catalysts & Technologies Competitive Strengths & Weaknesses

7.4 Haldor Topsoe

7.4.1 Haldor Topsoe Details

7.4.2 Haldor Topsoe Major Business

7.4.3 Haldor Topsoe Hydroprocessing Catalysts (HPC) Product and Services

7.4.4 Haldor Topsoe Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Haldor Topsoe Recent Developments/Updates

7.4.6 Haldor Topsoe Competitive Strengths & Weaknesses

7.5 UOP

7.5.1 UOP Details

7.5.2 UOP Major Business

7.5.3 UOP Hydroprocessing Catalysts (HPC) Product and Services

7.5.4 UOP Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 UOP Recent Developments/Updates

7.5.6 UOP Competitive Strengths & Weaknesses

7.6 Axens

7.6.1 Axens Details

7.6.2 Axens Major Business

7.6.3 Axens Hydroprocessing Catalysts (HPC) Product and Services

7.6.4 Axens Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Axens Recent Developments/Updates

7.6.6 Axens Competitive Strengths & Weaknesses

7.7 Johnson Matthey

7.7.1 Johnson Matthey Details

7.7.2 Johnson Matthey Major Business

- 7.7.3 Johnson Matthey Hydroprocessing Catalysts (HPC) Product and Services
- 7.7.4 Johnson Matthey Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.7.5 Johnson Matthey Recent Developments/Updates
- 7.7.6 Johnson Matthey Competitive Strengths & Weaknesses
- 7.8 Sinopec
 - 7.8.1 Sinopec Details
 - 7.8.2 Sinopec Major Business
 - 7.8.3 Sinopec Hydroprocessing Catalysts (HPC) Product and Services
 - 7.8.4 Sinopec Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Sinopec Recent Developments/Updates
 - 7.8.6 Sinopec Competitive Strengths & Weaknesses
- 7.9 CNPC
 - 7.9.1 CNPC Details
 - 7.9.2 CNPC Major Business
 - 7.9.3 CNPC Hydroprocessing Catalysts (HPC) Product and Services
 - 7.9.4 CNPC Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 CNPC Recent Developments/Updates
 - 7.9.6 CNPC Competitive Strengths & Weaknesses
- 7.10 SJEP
 - 7.10.1 SJEP Details
 - 7.10.2 SJEP Major Business
 - 7.10.3 SJEP Hydroprocessing Catalysts (HPC) Product and Services
 - 7.10.4 SJEP Hydroprocessing Catalysts (HPC) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 SJEP Recent Developments/Updates
 - 7.10.6 SJEP Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Hydroprocessing Catalysts (HPC) Industry Chain
- 8.2 Hydroprocessing Catalysts (HPC) Upstream Analysis
 - 8.2.1 Hydroprocessing Catalysts (HPC) Core Raw Materials
 - 8.2.2 Main Manufacturers of Hydroprocessing Catalysts (HPC) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Hydroprocessing Catalysts (HPC) Production Mode

8.6 Hydroprocessing Catalysts (HPC) Procurement Model

8.7 Hydroprocessing Catalysts (HPC) Industry Sales Model and Sales Channels

8.7.1 Hydroprocessing Catalysts (HPC) Sales Model

8.7.2 Hydroprocessing Catalysts (HPC) Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Hydroprocessing Catalysts (HPC) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Hydroprocessing Catalysts (HPC) Production Value by Region (2018-2023) & (USD Million)

Table 3. World Hydroprocessing Catalysts (HPC) Production Value by Region (2024-2029) & (USD Million)

Table 4. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Region (2018-2023)

Table 5. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Region (2024-2029)

Table 6. World Hydroprocessing Catalysts (HPC) Production by Region (2018-2023) & (K MT)

Table 7. World Hydroprocessing Catalysts (HPC) Production by Region (2024-2029) & (K MT)

Table 8. World Hydroprocessing Catalysts (HPC) Production Market Share by Region (2018-2023)

Table 9. World Hydroprocessing Catalysts (HPC) Production Market Share by Region (2024-2029)

Table 10. World Hydroprocessing Catalysts (HPC) Average Price by Region (2018-2023) & (USD/MT)

Table 11. World Hydroprocessing Catalysts (HPC) Average Price by Region (2024-2029) & (USD/MT)

Table 12. Hydroprocessing Catalysts (HPC) Major Market Trends

Table 13. World Hydroprocessing Catalysts (HPC) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K MT)

Table 14. World Hydroprocessing Catalysts (HPC) Consumption by Region (2018-2023) & (K MT)

Table 15. World Hydroprocessing Catalysts (HPC) Consumption Forecast by Region (2024-2029) & (K MT)

Table 16. World Hydroprocessing Catalysts (HPC) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Hydroprocessing Catalysts (HPC) Producers in 2022

Table 18. World Hydroprocessing Catalysts (HPC) Production by Manufacturer (2018-2023) & (K MT)

Table 19. Production Market Share of Key Hydroprocessing Catalysts (HPC) Producers in 2022

Table 20. World Hydroprocessing Catalysts (HPC) Average Price by Manufacturer (2018-2023) & (USD/MT)

Table 21. Global Hydroprocessing Catalysts (HPC) Company Evaluation Quadrant

Table 22. World Hydroprocessing Catalysts (HPC) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Hydroprocessing Catalysts (HPC) Production Site of Key Manufacturer

Table 24. Hydroprocessing Catalysts (HPC) Market: Company Product Type Footprint

Table 25. Hydroprocessing Catalysts (HPC) Market: Company Product Application Footprint

Table 26. Hydroprocessing Catalysts (HPC) Competitive Factors

Table 27. Hydroprocessing Catalysts (HPC) New Entrant and Capacity Expansion Plans

Table 28. Hydroprocessing Catalysts (HPC) Mergers & Acquisitions Activity

Table 29. United States VS China Hydroprocessing Catalysts (HPC) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Hydroprocessing Catalysts (HPC) Production Comparison, (2018 & 2022 & 2029) & (K MT)

Table 31. United States VS China Hydroprocessing Catalysts (HPC) Consumption Comparison, (2018 & 2022 & 2029) & (K MT)

Table 32. United States Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production (2018-2023) & (K MT)

Table 36. United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share (2018-2023)

Table 37. China Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Hydroprocessing Catalysts (HPC) Production

(2018-2023) & (K MT)

Table 41. China Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share (2018-2023)

Table 42. Rest of World Based Hydroprocessing Catalysts (HPC) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production (2018-2023) & (K MT)

Table 46. Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share (2018-2023)

Table 47. World Hydroprocessing Catalysts (HPC) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Hydroprocessing Catalysts (HPC) Production by Type (2018-2023) & (K MT)

Table 49. World Hydroprocessing Catalysts (HPC) Production by Type (2024-2029) & (K MT)

Table 50. World Hydroprocessing Catalysts (HPC) Production Value by Type (2018-2023) & (USD Million)

Table 51. World Hydroprocessing Catalysts (HPC) Production Value by Type (2024-2029) & (USD Million)

Table 52. World Hydroprocessing Catalysts (HPC) Average Price by Type (2018-2023) & (USD/MT)

Table 53. World Hydroprocessing Catalysts (HPC) Average Price by Type (2024-2029) & (USD/MT)

Table 54. World Hydroprocessing Catalysts (HPC) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Hydroprocessing Catalysts (HPC) Production by Application (2018-2023) & (K MT)

Table 56. World Hydroprocessing Catalysts (HPC) Production by Application (2024-2029) & (K MT)

Table 57. World Hydroprocessing Catalysts (HPC) Production Value by Application (2018-2023) & (USD Million)

Table 58. World Hydroprocessing Catalysts (HPC) Production Value by Application (2024-2029) & (USD Million)

Table 59. World Hydroprocessing Catalysts (HPC) Average Price by Application (2018-2023) & (USD/MT)

Table 60. World Hydroprocessing Catalysts (HPC) Average Price by Application (2024-2029) & (USD/MT)

Table 61. Advanced Refining Technologies (ART) Basic Information, Manufacturing Base and Competitors

Table 62. Advanced Refining Technologies (ART) Major Business

Table 63. Advanced Refining Technologies (ART) Hydroprocessing Catalysts (HPC) Product and Services

Table 64. Advanced Refining Technologies (ART) Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Advanced Refining Technologies (ART) Recent Developments/Updates

Table 66. Advanced Refining Technologies (ART) Competitive Strengths & Weaknesses

Table 67. Albemarle Basic Information, Manufacturing Base and Competitors

Table 68. Albemarle Major Business

Table 69. Albemarle Hydroprocessing Catalysts (HPC) Product and Services

Table 70. Albemarle Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Albemarle Recent Developments/Updates

Table 72. Albemarle Competitive Strengths & Weaknesses

Table 73. Shell Catalysts & Technologies Basic Information, Manufacturing Base and Competitors

Table 74. Shell Catalysts & Technologies Major Business

Table 75. Shell Catalysts & Technologies Hydroprocessing Catalysts (HPC) Product and Services

Table 76. Shell Catalysts & Technologies Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Shell Catalysts & Technologies Recent Developments/Updates

Table 78. Shell Catalysts & Technologies Competitive Strengths & Weaknesses

Table 79. Haldor Topsoe Basic Information, Manufacturing Base and Competitors

Table 80. Haldor Topsoe Major Business

Table 81. Haldor Topsoe Hydroprocessing Catalysts (HPC) Product and Services

Table 82. Haldor Topsoe Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Haldor Topsoe Recent Developments/Updates

Table 84. Haldor Topsoe Competitive Strengths & Weaknesses

Table 85. UOP Basic Information, Manufacturing Base and Competitors

Table 86. UOP Major Business

Table 87. UOP Hydroprocessing Catalysts (HPC) Product and Services

Table 88. UOP Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. UOP Recent Developments/Updates

Table 90. UOP Competitive Strengths & Weaknesses

Table 91. Axens Basic Information, Manufacturing Base and Competitors

Table 92. Axens Major Business

Table 93. Axens Hydroprocessing Catalysts (HPC) Product and Services

Table 94. Axens Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Axens Recent Developments/Updates

Table 96. Axens Competitive Strengths & Weaknesses

Table 97. Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table 98. Johnson Matthey Major Business

Table 99. Johnson Matthey Hydroprocessing Catalysts (HPC) Product and Services

Table 100. Johnson Matthey Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Johnson Matthey Recent Developments/Updates

Table 102. Johnson Matthey Competitive Strengths & Weaknesses

Table 103. Sinopec Basic Information, Manufacturing Base and Competitors

Table 104. Sinopec Major Business

Table 105. Sinopec Hydroprocessing Catalysts (HPC) Product and Services

Table 106. Sinopec Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Sinopec Recent Developments/Updates

Table 108. Sinopec Competitive Strengths & Weaknesses

Table 109. CNPC Basic Information, Manufacturing Base and Competitors

Table 110. CNPC Major Business

Table 111. CNPC Hydroprocessing Catalysts (HPC) Product and Services

Table 112. CNPC Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. CNPC Recent Developments/Updates

Table 114. SJEP Basic Information, Manufacturing Base and Competitors

Table 115. SJEP Major Business

Table 116. SJEP Hydroprocessing Catalysts (HPC) Product and Services

Table 117. SJEP Hydroprocessing Catalysts (HPC) Production (K MT), Price (USD/MT), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Hydroprocessing Catalysts (HPC) Upstream (Raw Materials)

Table 119. Hydroprocessing Catalysts (HPC) Typical Customers

Table 120. Hydroprocessing Catalysts (HPC) Typical Distributors

List of Figure

Figure 1. Hydroprocessing Catalysts (HPC) Picture

Figure 2. World Hydroprocessing Catalysts (HPC) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Hydroprocessing Catalysts (HPC) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 5. World Hydroprocessing Catalysts (HPC) Average Price (2018-2029) & (USD/MT)

Figure 6. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Region (2018-2029)

Figure 7. World Hydroprocessing Catalysts (HPC) Production Market Share by Region (2018-2029)

Figure 8. North America Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 9. Europe Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 10. Southeast Asia Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 11. Japan Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 12. China Hydroprocessing Catalysts (HPC) Production (2018-2029) & (K MT)

Figure 13. Hydroprocessing Catalysts (HPC) Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 16. World Hydroprocessing Catalysts (HPC) Consumption Market Share by Region (2018-2029)

Figure 17. United States Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 18. China Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 19. Europe Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 20. Japan Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 21. South Korea Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 22. ASEAN Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 23. India Hydroprocessing Catalysts (HPC) Consumption (2018-2029) & (K MT)

Figure 24. Producer Shipments of Hydroprocessing Catalysts (HPC) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Hydroprocessing Catalysts (HPC) Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Hydroprocessing Catalysts (HPC) Markets in 2022

Figure 27. United States VS China: Hydroprocessing Catalysts (HPC) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Hydroprocessing Catalysts (HPC) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Hydroprocessing Catalysts (HPC) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share 2022

Figure 31. China Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Hydroprocessing Catalysts (HPC) Production Market Share 2022

Figure 33. World Hydroprocessing Catalysts (HPC) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Type in 2022

Figure 35. Hydrotreating

Figure 36. Hydrocracking

Figure 37. World Hydroprocessing Catalysts (HPC) Production Market Share by Type (2018-2029)

Figure 38. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Type (2018-2029)

Figure 39. World Hydroprocessing Catalysts (HPC) Average Price by Type (2018-2029) & (USD/MT)

Figure 40. World Hydroprocessing Catalysts (HPC) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Application in 2022

Figure 42. Diesel Hydrotreat

Figure 43. Lube Oils

Figure 44. Naphtha

Figure 45. Residue Upgrading

Figure 46. Others

Figure 47. World Hydroprocessing Catalysts (HPC) Production Market Share by Application (2018-2029)

Figure 48. World Hydroprocessing Catalysts (HPC) Production Value Market Share by Application (2018-2029)

Figure 49. World Hydroprocessing Catalysts (HPC) Average Price by Application (2018-2029) & (USD/MT)

Figure 50. Hydroprocessing Catalysts (HPC) Industry Chain

Figure 51. Hydroprocessing Catalysts (HPC) Procurement Model

Figure 52. Hydroprocessing Catalysts (HPC) Sales Model

Figure 53. Hydroprocessing Catalysts (HPC) Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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