

# Global Alcohol-to-Jet Fuel 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 Alcohol-to-Jet Fuel 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.

Methanol jet fuel (ATJ) is a methanol-based sustainable aviation fuel (SAF). ASTM first certified ATJ-SPK bioblends up to 50%v/v in 2016. The AtJ approach is being expanded through the addition of Alcohol to Jet Synthetic Kerosene with Aromatics (ATJ-SKA) which is similar to ATJ-SPK but contains a higher amount of aromatic compounds, which ensure the swelling of seals in current jet engines. ATJ fuels are considered a promising alternative to conventional crude oil jet fuel because they have the potential to significantly reduce greenhouse gas emissions and reduce Aviation's overall carbon footprint. These fuels are compatible with existing aircraft and infrastructure, making them a viable option to help the aviation industry reduce its environmental impact

The Global Info Research report includes an overview of the development of the Alcoholto-Jet Fuel industry chain, the market status of Commercial Aircraft (ATJ-SKA: Alcoholto-Jet Synthetic Kerosene with Aromatics, ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene), Regional Transport Aircraft (ATJ-SKA: Alcohol-to-Jet Synthetic Kerosene with Aromatics, ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Alcohol-to-Jet Fuel.

Regionally, the report analyzes the Alcohol-to-Jet Fuel markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global



Alcohol-to-Jet Fuel market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Alcohol-to-Jet Fuel market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Alcohol-to-Jet Fuel industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., ATJ-SKA: Alcohol-to-Jet Synthetic Kerosene with Aromatics, ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Alcohol-to-Jet Fuel market.

Regional Analysis: The report involves examining the Alcohol-to-Jet Fuel market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Alcohol-to-Jet Fuel market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Alcohol-to-Jet Fuel:

Company Analysis: Report covers individual Alcohol-to-Jet Fuel manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.



Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Alcohol-to-Jet Fuel This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Commercial Aircraft, Regional Transport Aircraft).

Technology Analysis: Report covers specific technologies relevant to Alcohol-to-Jet Fuel. It assesses the current state, advancements, and potential future developments in Alcohol-to-Jet Fuel areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Alcohol-to-Jet Fuel market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Alcohol-to-Jet Fuel 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.

Market segment by Type

ATJ-SKA: Alcohol-to-Jet Synthetic Kerosene with Aromatics

ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene

Market segment by Application

**Commercial Aircraft** 

Regional Transport Aircraft

Military Aviation

**Business and General Aviation** 

Global Alcohol-to-Jet Fuel Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029



**Unmanned Aerial Vehicles** 

Major players covered

Metafuels AG

ExxonMobil

Honeywell

Neste oyj

Topsoe

Nacero

Gevo

SkyNRG

Marquis SAF

Mitsui

Cosmo Oil

JGC Holdings

LanzaTech

Axens

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 Alcohol-to-Jet Fuel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Alcohol-to-Jet Fuel, with price, sales, revenue and global market share of Alcohol-to-Jet Fuel from 2018 to 2023.

Chapter 3, the Alcohol-to-Jet Fuel competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Alcohol-to-Jet Fuel 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 Alcohol-to-Jet Fuel market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Alcohol-to-Jet Fuel.



Chapter 14 and 15, to describe Alcohol-to-Jet Fuel sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Alcohol-to-Jet Fuel
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type

1.3.1 Overview: Global Alcohol-to-Jet Fuel Consumption Value by Type: 2018 Versus 2022 Versus 2029

- 1.3.2 ATJ-SKA: Alcohol-to-Jet Synthetic Kerosene with Aromatics
- 1.3.3 ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene
- 1.4 Market Analysis by Application

1.4.1 Overview: Global Alcohol-to-Jet Fuel Consumption Value by Application: 2018 Versus 2022 Versus 2029

- 1.4.2 Commercial Aircraft
- 1.4.3 Regional Transport Aircraft
- 1.4.4 Military Aviation
- 1.4.5 Business and General Aviation
- 1.4.6 Unmanned Aerial Vehicles
- 1.5 Global Alcohol-to-Jet Fuel Market Size & Forecast
  - 1.5.1 Global Alcohol-to-Jet Fuel Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Alcohol-to-Jet Fuel Sales Quantity (2018-2029)
  - 1.5.3 Global Alcohol-to-Jet Fuel Average Price (2018-2029)

# **2 MANUFACTURERS PROFILES**

- 2.1 Metafuels AG
  - 2.1.1 Metafuels AG Details
  - 2.1.2 Metafuels AG Major Business
  - 2.1.3 Metafuels AG Alcohol-to-Jet Fuel Product and Services
- 2.1.4 Metafuels AG Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue,
- Gross Margin and Market Share (2018-2023)
  - 2.1.5 Metafuels AG Recent Developments/Updates
- 2.2 ExxonMobil
  - 2.2.1 ExxonMobil Details
  - 2.2.2 ExxonMobil Major Business
  - 2.2.3 ExxonMobil Alcohol-to-Jet Fuel Product and Services
- 2.2.4 ExxonMobil Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



- 2.2.5 ExxonMobil Recent Developments/Updates
- 2.3 Honeywell
  - 2.3.1 Honeywell Details
  - 2.3.2 Honeywell Major Business
  - 2.3.3 Honeywell Alcohol-to-Jet Fuel Product and Services

2.3.4 Honeywell Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Honeywell Recent Developments/Updates

2.4 Neste oyj

- 2.4.1 Neste oyj Details
- 2.4.2 Neste oyj Major Business
- 2.4.3 Neste oyj Alcohol-to-Jet Fuel Product and Services
- 2.4.4 Neste oyj Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross
- Margin and Market Share (2018-2023)
  - 2.4.5 Neste oyj Recent Developments/Updates

2.5 Topsoe

- 2.5.1 Topsoe Details
- 2.5.2 Topsoe Major Business
- 2.5.3 Topsoe Alcohol-to-Jet Fuel Product and Services
- 2.5.4 Topsoe Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.5.5 Topsoe Recent Developments/Updates

2.6 Nacero

- 2.6.1 Nacero Details
- 2.6.2 Nacero Major Business
- 2.6.3 Nacero Alcohol-to-Jet Fuel Product and Services

2.6.4 Nacero Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.6.5 Nacero Recent Developments/Updates
- 2.7 Gevo
  - 2.7.1 Gevo Details
  - 2.7.2 Gevo Major Business
  - 2.7.3 Gevo Alcohol-to-Jet Fuel Product and Services
- 2.7.4 Gevo Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Gevo Recent Developments/Updates

2.8 SkyNRG

- 2.8.1 SkyNRG Details
- 2.8.2 SkyNRG Major Business



2.8.3 SkyNRG Alcohol-to-Jet Fuel Product and Services

2.8.4 SkyNRG Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 SkyNRG Recent Developments/Updates

2.9 Marquis SAF

2.9.1 Marquis SAF Details

2.9.2 Marquis SAF Major Business

2.9.3 Marquis SAF Alcohol-to-Jet Fuel Product and Services

2.9.4 Marquis SAF Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Marquis SAF Recent Developments/Updates

2.10 Mitsui

- 2.10.1 Mitsui Details
- 2.10.2 Mitsui Major Business

2.10.3 Mitsui Alcohol-to-Jet Fuel Product and Services

2.10.4 Mitsui Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2018-2023)

2.10.5 Mitsui Recent Developments/Updates

2.11 Cosmo Oil

- 2.11.1 Cosmo Oil Details
- 2.11.2 Cosmo Oil Major Business
- 2.11.3 Cosmo Oil Alcohol-to-Jet Fuel Product and Services

2.11.4 Cosmo Oil Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Cosmo Oil Recent Developments/Updates

2.12 JGC Holdings

- 2.12.1 JGC Holdings Details
- 2.12.2 JGC Holdings Major Business
- 2.12.3 JGC Holdings Alcohol-to-Jet Fuel Product and Services

2.12.4 JGC Holdings Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.12.5 JGC Holdings Recent Developments/Updates

2.13 LanzaTech

- 2.13.1 LanzaTech Details
- 2.13.2 LanzaTech Major Business
- 2.13.3 LanzaTech Alcohol-to-Jet Fuel Product and Services

2.13.4 LanzaTech Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 LanzaTech Recent Developments/Updates



#### 2.14 Axens

- 2.14.1 Axens Details
- 2.14.2 Axens Major Business
- 2.14.3 Axens Alcohol-to-Jet Fuel Product and Services

2.14.4 Axens Alcohol-to-Jet Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Axens Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: ALCOHOL-TO-JET FUEL BY MANUFACTURER

3.1 Global Alcohol-to-Jet Fuel Sales Quantity by Manufacturer (2018-2023)

- 3.2 Global Alcohol-to-Jet Fuel Revenue by Manufacturer (2018-2023)
- 3.3 Global Alcohol-to-Jet Fuel Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Alcohol-to-Jet Fuel by Manufacturer Revenue (\$MM) and Market Share (%): 2022

- 3.4.2 Top 3 Alcohol-to-Jet Fuel Manufacturer Market Share in 2022
- 3.4.2 Top 6 Alcohol-to-Jet Fuel Manufacturer Market Share in 2022
- 3.5 Alcohol-to-Jet Fuel Market: Overall Company Footprint Analysis
  - 3.5.1 Alcohol-to-Jet Fuel Market: Region Footprint
  - 3.5.2 Alcohol-to-Jet Fuel Market: Company Product Type Footprint
- 3.5.3 Alcohol-to-Jet Fuel Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

# **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Alcohol-to-Jet Fuel Market Size by Region
- 4.1.1 Global Alcohol-to-Jet Fuel Sales Quantity by Region (2018-2029)
- 4.1.2 Global Alcohol-to-Jet Fuel Consumption Value by Region (2018-2029)
- 4.1.3 Global Alcohol-to-Jet Fuel Average Price by Region (2018-2029)
- 4.2 North America Alcohol-to-Jet Fuel Consumption Value (2018-2029)
- 4.3 Europe Alcohol-to-Jet Fuel Consumption Value (2018-2029)
- 4.4 Asia-Pacific Alcohol-to-Jet Fuel Consumption Value (2018-2029)
- 4.5 South America Alcohol-to-Jet Fuel Consumption Value (2018-2029)
- 4.6 Middle East and Africa Alcohol-to-Jet Fuel Consumption Value (2018-2029)

# **5 MARKET SEGMENT BY TYPE**



- 5.1 Global Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 5.2 Global Alcohol-to-Jet Fuel Consumption Value by Type (2018-2029)
- 5.3 Global Alcohol-to-Jet Fuel Average Price by Type (2018-2029)

#### 6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 6.2 Global Alcohol-to-Jet Fuel Consumption Value by Application (2018-2029)
- 6.3 Global Alcohol-to-Jet Fuel Average Price by Application (2018-2029)

# **7 NORTH AMERICA**

- 7.1 North America Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 7.2 North America Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 7.3 North America Alcohol-to-Jet Fuel Market Size by Country
  - 7.3.1 North America Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Alcohol-to-Jet Fuel Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

# **8 EUROPE**

- 8.1 Europe Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 8.2 Europe Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 8.3 Europe Alcohol-to-Jet Fuel Market Size by Country
- 8.3.1 Europe Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Alcohol-to-Jet Fuel Consumption Value by Country (2018-2029)
- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

# 9 ASIA-PACIFIC

- 9.1 Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Alcohol-to-Jet Fuel Market Size by Region



- 9.3.1 Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Region (2018-2029)
- 9.3.2 Asia-Pacific Alcohol-to-Jet Fuel Consumption Value by Region (2018-2029)
- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

# **10 SOUTH AMERICA**

- 10.1 South America Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 10.2 South America Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 10.3 South America Alcohol-to-Jet Fuel Market Size by Country
- 10.3.1 South America Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2029)
- 10.3.2 South America Alcohol-to-Jet Fuel Consumption Value by Country (2018-2029)
- 10.3.3 Brazil Market Size and Forecast (2018-2029)
- 10.3.4 Argentina Market Size and Forecast (2018-2029)

# **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Alcohol-to-Jet Fuel Market Size by Country
- 11.3.1 Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Alcohol-to-Jet Fuel Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

#### **12 MARKET DYNAMICS**

- 12.1 Alcohol-to-Jet Fuel Market Drivers
- 12.2 Alcohol-to-Jet Fuel Market Restraints
- 12.3 Alcohol-to-Jet Fuel Trends Analysis
- 12.4 Porters Five Forces Analysis
- 12.4.1 Threat of New Entrants



- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

#### **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Alcohol-to-Jet Fuel and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Alcohol-to-Jet Fuel
- 13.3 Alcohol-to-Jet Fuel Production Process
- 13.4 Alcohol-to-Jet Fuel Industrial Chain

#### 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Alcohol-to-Jet Fuel Typical Distributors
- 14.3 Alcohol-to-Jet Fuel Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

# LIST OF TABLES

Table 1. Global Alcohol-to-Jet Fuel Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Alcohol-to-Jet Fuel Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Metafuels AG Basic Information, Manufacturing Base and Competitors

Table 4. Metafuels AG Major Business

- Table 5. Metafuels AG Alcohol-to-Jet Fuel Product and Services
- Table 6. Metafuels AG Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Metafuels AG Recent Developments/Updates
- Table 8. ExxonMobil Basic Information, Manufacturing Base and Competitors
- Table 9. ExxonMobil Major Business
- Table 10. ExxonMobil Alcohol-to-Jet Fuel Product and Services
- Table 11. ExxonMobil Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. ExxonMobil Recent Developments/Updates
- Table 13. Honeywell Basic Information, Manufacturing Base and Competitors
- Table 14. Honeywell Major Business
- Table 15. Honeywell Alcohol-to-Jet Fuel Product and Services
- Table 16. Honeywell Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Honeywell Recent Developments/Updates
- Table 18. Neste oyj Basic Information, Manufacturing Base and Competitors
- Table 19. Neste oyj Major Business
- Table 20. Neste oyj Alcohol-to-Jet Fuel Product and Services
- Table 21. Neste oyj Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 22. Neste oyj Recent Developments/Updates
- Table 23. Topsoe Basic Information, Manufacturing Base and Competitors
- Table 24. Topsoe Major Business
- Table 25. Topsoe Alcohol-to-Jet Fuel Product and Services
- Table 26. Topsoe Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton),
- Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Topsoe Recent Developments/Updates
- Table 28. Nacero Basic Information, Manufacturing Base and Competitors



Table 29. Nacero Major Business

- Table 30. Nacero Alcohol-to-Jet Fuel Product and Services
- Table 31. Nacero Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton),
- Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Nacero Recent Developments/Updates
- Table 33. Gevo Basic Information, Manufacturing Base and Competitors
- Table 34. Gevo Major Business
- Table 35. Gevo Alcohol-to-Jet Fuel Product and Services
- Table 36. Gevo Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton),
- Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Gevo Recent Developments/Updates
- Table 38. SkyNRG Basic Information, Manufacturing Base and Competitors
- Table 39. SkyNRG Major Business
- Table 40. SkyNRG Alcohol-to-Jet Fuel Product and Services
- Table 41. SkyNRG Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton),
- Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. SkyNRG Recent Developments/Updates
- Table 43. Marquis SAF Basic Information, Manufacturing Base and Competitors
- Table 44. Marquis SAF Major Business
- Table 45. Marquis SAF Alcohol-to-Jet Fuel Product and Services
- Table 46. Marquis SAF Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. Marquis SAF Recent Developments/Updates
- Table 48. Mitsui Basic Information, Manufacturing Base and Competitors
- Table 49. Mitsui Major Business
- Table 50. Mitsui Alcohol-to-Jet Fuel Product and Services
- Table 51. Mitsui Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton),
- Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Mitsui Recent Developments/Updates
- Table 53. Cosmo Oil Basic Information, Manufacturing Base and Competitors
- Table 54. Cosmo Oil Major Business
- Table 55. Cosmo Oil Alcohol-to-Jet Fuel Product and Services
- Table 56. Cosmo Oil Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price
- (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Cosmo Oil Recent Developments/Updates
- Table 58. JGC Holdings Basic Information, Manufacturing Base and Competitors
- Table 59. JGC Holdings Major Business
- Table 60. JGC Holdings Alcohol-to-Jet Fuel Product and Services
- Table 61. JGC Holdings Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price



(US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 62. JGC Holdings Recent Developments/Updates Table 63. LanzaTech Basic Information, Manufacturing Base and Competitors Table 64. LanzaTech Major Business Table 65. LanzaTech Alcohol-to-Jet Fuel Product and Services Table 66. LanzaTech Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 67. LanzaTech Recent Developments/Updates Table 68. Axens Basic Information, Manufacturing Base and Competitors Table 69. Axens Major Business Table 70. Axens Alcohol-to-Jet Fuel Product and Services Table 71. Axens Alcohol-to-Jet Fuel Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 72. Axens Recent Developments/Updates Table 73. Global Alcohol-to-Jet Fuel Sales Quantity by Manufacturer (2018-2023) & (Tons) Table 74. Global Alcohol-to-Jet Fuel Revenue by Manufacturer (2018-2023) & (USD Million) Table 75. Global Alcohol-to-Jet Fuel Average Price by Manufacturer (2018-2023) & (US\$/Ton) Table 76. Market Position of Manufacturers in Alcohol-to-Jet Fuel, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022 Table 77. Head Office and Alcohol-to-Jet Fuel Production Site of Key Manufacturer Table 78. Alcohol-to-Jet Fuel Market: Company Product Type Footprint Table 79. Alcohol-to-Jet Fuel Market: Company Product Application Footprint Table 80. Alcohol-to-Jet Fuel New Market Entrants and Barriers to Market Entry Table 81. Alcohol-to-Jet Fuel Mergers, Acquisition, Agreements, and Collaborations Table 82. Global Alcohol-to-Jet Fuel Sales Quantity by Region (2018-2023) & (Tons) Table 83. Global Alcohol-to-Jet Fuel Sales Quantity by Region (2024-2029) & (Tons) Table 84. Global Alcohol-to-Jet Fuel Consumption Value by Region (2018-2023) & (USD Million) Table 85. Global Alcohol-to-Jet Fuel Consumption Value by Region (2024-2029) & (USD Million) Table 86. Global Alcohol-to-Jet Fuel Average Price by Region (2018-2023) & (US\$/Ton) Table 87. Global Alcohol-to-Jet Fuel Average Price by Region (2024-2029) & (US\$/Ton) Table 88. Global Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons) Table 89. Global Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons) Table 90. Global Alcohol-to-Jet Fuel Consumption Value by Type (2018-2023) & (USD Million)



Table 91. Global Alcohol-to-Jet Fuel Consumption Value by Type (2024-2029) & (USD Million) Table 92. Global Alcohol-to-Jet Fuel Average Price by Type (2018-2023) & (US\$/Ton) Table 93. Global Alcohol-to-Jet Fuel Average Price by Type (2024-2029) & (US\$/Ton) Table 94. Global Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons) Table 95. Global Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons) Table 96. Global Alcohol-to-Jet Fuel Consumption Value by Application (2018-2023) & (USD Million) Table 97. Global Alcohol-to-Jet Fuel Consumption Value by Application (2024-2029) & (USD Million) Table 98. Global Alcohol-to-Jet Fuel Average Price by Application (2018-2023) & (US\$/Ton) Table 99. Global Alcohol-to-Jet Fuel Average Price by Application (2024-2029) & (US\$/Ton) Table 100. North America Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons) Table 101. North America Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons) Table 102. North America Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons) Table 103. North America Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons) Table 104. North America Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2023) & (Tons) Table 105. North America Alcohol-to-Jet Fuel Sales Quantity by Country (2024-2029) & (Tons) Table 106. North America Alcohol-to-Jet Fuel Consumption Value by Country (2018-2023) & (USD Million) Table 107. North America Alcohol-to-Jet Fuel Consumption Value by Country (2024-2029) & (USD Million) Table 108. Europe Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons) Table 109. Europe Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons) Table 110. Europe Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons) Table 111. Europe Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons) Table 112. Europe Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2023) & (Tons)



Table 113. Europe Alcohol-to-Jet Fuel Sales Quantity by Country (2024-2029) & (Tons) Table 114. Europe Alcohol-to-Jet Fuel Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Alcohol-to-Jet Fuel Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons)

Table 117. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons)

Table 118. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons)

Table 119. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons)

Table 120. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Region (2018-2023) & (Tons)

Table 121. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity by Region (2024-2029) & (Tons)

Table 122. Asia-Pacific Alcohol-to-Jet Fuel Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Alcohol-to-Jet Fuel Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons)

Table 125. South America Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons)

Table 126. South America Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons)

Table 127. South America Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons)

Table 128. South America Alcohol-to-Jet Fuel Sales Quantity by Country (2018-2023) & (Tons)

Table 129. South America Alcohol-to-Jet Fuel Sales Quantity by Country (2024-2029) & (Tons)

Table 130. South America Alcohol-to-Jet Fuel Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America Alcohol-to-Jet Fuel Consumption Value by Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Type (2018-2023) & (Tons)



Table 133. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Type (2024-2029) & (Tons)

Table 134. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Application (2018-2023) & (Tons)

Table 135. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Application (2024-2029) & (Tons)

Table 136. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Region (2018-2023) & (Tons)

Table 137. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity by Region (2024-2029) & (Tons)

Table 138. Middle East & Africa Alcohol-to-Jet Fuel Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa Alcohol-to-Jet Fuel Consumption Value by Region (2024-2029) & (USD Million)

Table 140. Alcohol-to-Jet Fuel Raw Material

Table 141. Key Manufacturers of Alcohol-to-Jet Fuel Raw Materials

Table 142. Alcohol-to-Jet Fuel Typical Distributors

Table 143. Alcohol-to-Jet Fuel Typical Customers

# LIST OF FIGURE

S

Figure 1. Alcohol-to-Jet Fuel Picture

Figure 2. Global Alcohol-to-Jet Fuel Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Type in 2022

Figure 4. ATJ-SKA: Alcohol-to-Jet Synthetic Kerosene with Aromatics Examples

Figure 5. ATJ-SPK: Alcohol-to-Jet Synthetic Paraffinic Kerosene Examples

Figure 6. Global Alcohol-to-Jet Fuel Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Application in 2022

Figure 8. Commercial Aircraft Examples

Figure 9. Regional Transport Aircraft Examples

Figure 10. Military Aviation Examples

Figure 11. Business and General Aviation Examples

Figure 12. Unmanned Aerial Vehicles Examples

Figure 13. Global Alcohol-to-Jet Fuel Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Alcohol-to-Jet Fuel Consumption Value and Forecast (2018-2029) &



(USD Million)

Figure 15. Global Alcohol-to-Jet Fuel Sales Quantity (2018-2029) & (Tons)

Figure 16. Global Alcohol-to-Jet Fuel Average Price (2018-2029) & (US\$/Ton)

Figure 17. Global Alcohol-to-Jet Fuel Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Alcohol-to-Jet Fuel by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Alcohol-to-Jet Fuel Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Top 6 Alcohol-to-Jet Fuel Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Global Alcohol-to-Jet Fuel Sales Quantity Market Share by Region (2018-2029)

Figure 23. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Alcohol-to-Jet Fuel Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Alcohol-to-Jet Fuel Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Alcohol-to-Jet Fuel Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Alcohol-to-Jet Fuel Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Alcohol-to-Jet Fuel Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029) Figure 30. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Alcohol-to-Jet Fuel Average Price by Type (2018-2029) & (US\$/Ton) Figure 32. Global Alcohol-to-Jet Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Alcohol-to-Jet Fuel Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Alcohol-to-Jet Fuel Average Price by Application (2018-2029) & (US\$/Ton)

Figure 35. North America Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Alcohol-to-Jet Fuel Sales Quantity Market Share by



Application (2018-2029)

Figure 37. North America Alcohol-to-Jet Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Alcohol-to-Jet Fuel Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Alcohol-to-Jet Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Alcohol-to-Jet Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Alcohol-to-Jet Fuel Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Alcohol-to-Jet Fuel Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Alcohol-to-Jet Fuel Consumption Value Market Share by Region (2018-2029)

Figure 55. China Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 56. Japan Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 62. South America Alcohol-to-Jet Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 63. South America Alcohol-to-Jet Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 64. South America Alcohol-to-Jet Fuel Consumption Value Market Share by Country (2018-2029)

Figure 65. Brazil Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Alcohol-to-Jet Fuel Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Alcohol-to-Jet Fuel Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Alcohol-to-Jet Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Alcohol-to-Jet Fuel Market Drivers



- Figure 76. Alcohol-to-Jet Fuel Market Restraints
- Figure 77. Alcohol-to-Jet Fuel Market Trends
- Figure 78. Porters Five Forces Analysis
- Figure 79. Manufacturing Cost Structure Analysis of Alcohol-to-Jet Fuel in 2022
- Figure 80. Manufacturing Process Analysis of Alcohol-to-Jet Fuel
- Figure 81. Alcohol-to-Jet Fuel Industrial Chain
- Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 83. Direct Channel Pros & Cons
- Figure 84. Indirect Channel Pros & Cons
- Figure 85. Methodology
- Figure 86. Research Process and Data Source



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