

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Polyalphaolefin Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G2E27E807E6EN.html>

Date: July 2018

Pages: 134

Price: US\$ 4,880.00 (Single User License)

ID: G2E27E807E6EN

## Abstracts

This report studies the Polyalphaolefin market, Poly Alpha Olefin or PAO is a 100% synthetic base oil stock used in the production of high performance lubricants. PAO's typically have a higher viscosity index than mineral oils and better oxidative stability. Also PAO has many advantages, such as high viscosity index and excellent lubricity, high flash point and low volatility, outstanding low-temperature fluidity for enhanced blend flexibility, excellent oxidant resistance, excellent shear stability and hydrolysis, compatible with mineral oils and esters, extended drain and improved fuel economy.

Scope of the Report:

This report focuses on the Polyalphaolefin in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The worldwide market for Polyalphaolefin is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

INEOS

ExxonMobil Chemical

CP Chemical & Neste

CheLura

Idemitsu Kosan

NacoSynthetics

Shanghai Fox

Shenyang HCPAO

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Low Viscosity PAO

Medium Viscosity PAO

High Viscosity PAO

Market Segment by Applications, can be divided into

Gear Oils (Automotive & Industrial)

Greases

Compressor Oils

Engine Oils And Transmission Fluids

High VI Hydraulic Fluids

Other Industrial Oils

There are 15 Chapters to deeply display the global Polyalphaolefin market.

Chapter 1, to describe Polyalphaolefin Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Polyalphaolefin, with sales, revenue, and price of Polyalphaolefin, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Polyalphaolefin, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Polyalphaolefin market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Polyalphaolefin sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 Polyalphaolefin Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Low Viscosity PAO
  - 1.2.2 Medium Viscosity PAO
  - 1.2.3 High Viscosity PAO
- 1.3 Market Analysis by Applications
  - 1.3.1 Gear Oils (Automotive & Industrial)
  - 1.3.2 Greases
  - 1.3.3 Compressor Oils
  - 1.3.4 Engine Oils And Transmission Fluids
  - 1.3.5 High VI Hydraulic Fluids
  - 1.3.6 Other Industrial Oils
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2013-2023)
    - 1.4.2.2 France Market States and Outlook (2013-2023)
    - 1.4.2.3 UK Market States and Outlook (2013-2023)
    - 1.4.2.4 Russia Market States and Outlook (2013-2023)
    - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
    - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
    - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
    - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)

## 1.5 Market Dynamics

### 1.5.1 Market Opportunities

### 1.5.2 Market Risk

### 1.5.3 Market Driving Force

## 2 MANUFACTURERS PROFILES

### 2.1 INEOS

#### 2.1.1 Business Overview

##### 2.1.1.1 INEOS Description

##### 2.1.1.2 INEOS Headquarter, Main Business and Finance Overview

#### 2.1.2 INEOS Polyalphaolefin Product Introduction

##### 2.1.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

##### 2.1.2.2 Polyalphaolefin Product Information

#### 2.1.3 INEOS Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.1 INEOS Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.2 Global INEOS Polyalphaolefin Market Share in 2017

### 2.2 ExxonMobil Chemical

#### 2.2.1 Business Overview

##### 2.2.1.1 ExxonMobil Chemical Description

##### 2.2.1.2 ExxonMobil Chemical Headquarter, Main Business and Finance Overview

#### 2.2.2 ExxonMobil Chemical Polyalphaolefin Product Introduction

##### 2.2.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

##### 2.2.2.2 Polyalphaolefin Product Information

#### 2.2.3 ExxonMobil Chemical Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.1 ExxonMobil Chemical Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.2 Global ExxonMobil Chemical Polyalphaolefin Market Share in 2017

### 2.3 CP Chemical & Neste

#### 2.3.1 Business Overview

##### 2.3.1.1 CP Chemical & Neste Description

##### 2.3.1.2 CP Chemical & Neste Headquarter, Main Business and Finance Overview

#### 2.3.2 CP Chemical & Neste Polyalphaolefin Product Introduction

##### 2.3.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

##### 2.3.2.2 Polyalphaolefin Product Information

#### 2.3.3 CP Chemical & Neste Polyalphaolefin Sales, Price, Revenue, Gross Margin and

## Market Share (2016-2017)

2.3.3.1 CP Chemical & Neste Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global CP Chemical & Neste Polyalphaolefin Market Share in 2017

## 2.4 CheLura

2.4.1 Business Overview

2.4.1.1 CheLura Description

2.4.1.2 CheLura Headquarter, Main Business and Finance Overview

2.4.2 CheLura Polyalphaolefin Product Introduction

2.4.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

2.4.2.2 Polyalphaolefin Product Information

2.4.3 CheLura Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 CheLura Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global CheLura Polyalphaolefin Market Share in 2017

## 2.5 Idemitsu Kosan

2.5.1 Business Overview

2.5.1.1 Idemitsu Kosan Description

2.5.1.2 Idemitsu Kosan Headquarter, Main Business and Finance Overview

2.5.2 Idemitsu Kosan Polyalphaolefin Product Introduction

2.5.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

2.5.2.2 Polyalphaolefin Product Information

2.5.3 Idemitsu Kosan Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Idemitsu Kosan Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Idemitsu Kosan Polyalphaolefin Market Share in 2017

## 2.6 NacoSynthetics

2.6.1 Business Overview

2.6.1.1 NacoSynthetics Description

2.6.1.2 NacoSynthetics Headquarter, Main Business and Finance Overview

2.6.2 NacoSynthetics Polyalphaolefin Product Introduction

2.6.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

2.6.2.2 Polyalphaolefin Product Information

2.6.3 NacoSynthetics Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 NacoSynthetics Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.6.3.2 Global NacoSynthetics Polyalphaolefin Market Share in 2017

### 2.7 Shanghai Fox

#### 2.7.1 Business Overview

##### 2.7.1.1 Shanghai Fox Description

##### 2.7.1.2 Shanghai Fox Headquarter, Main Business and Finance Overview

#### 2.7.2 Shanghai Fox Polyalphaolefin Product Introduction

##### 2.7.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

##### 2.7.2.2 Polyalphaolefin Product Information

#### 2.7.3 Shanghai Fox Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.7.3.1 Shanghai Fox Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.7.3.2 Global Shanghai Fox Polyalphaolefin Market Share in 2017

### 2.8 Shenyang HCPAO

#### 2.8.1 Business Overview

##### 2.8.1.1 Shenyang HCPAO Description

##### 2.8.1.2 Shenyang HCPAO Headquarter, Main Business and Finance Overview

#### 2.8.2 Shenyang HCPAO Polyalphaolefin Product Introduction

##### 2.8.2.1 Polyalphaolefin Production Bases, Sales Regions and Major Competitors

##### 2.8.2.2 Polyalphaolefin Product Information

#### 2.8.3 Shenyang HCPAO Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.8.3.1 Shenyang HCPAO Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.8.3.2 Global Shenyang HCPAO Polyalphaolefin Market Share in 2017

## **3 GLOBAL POLYALPHAOLEFIN MARKET COMPETITION, BY MANUFACTURER**

### 3.1 Global Polyalphaolefin Sales and Market Share by Manufacturer (2016-2017)

### 3.2 Global Polyalphaolefin Revenue and Market Share by Manufacturer (2016-2017)

### 3.3 Global Polyalphaolefin Price by Manufacturer (2016-2017)

### 3.4 Market Concentration Rate

#### 3.4.1 Top 3 Polyalphaolefin Manufacturer Market Share in 2017

#### 3.4.2 Top 5 Polyalphaolefin Manufacturer Market Share in 2017

### 3.5 Market Competition Trend

## **4 GLOBAL POLYALPHAOLEFIN MARKET ANALYSIS BY REGIONS**

### 4.1 Global Polyalphaolefin Sales, Revenue and Market Share by Regions

- 4.1.1 Global Polyalphaolefin Sales by Regions (2013-2018)
- 4.1.2 Global Polyalphaolefin Revenue by Regions (2013-2018)
- 4.2 North America Polyalphaolefin Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Polyalphaolefin Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Polyalphaolefin Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Polyalphaolefin Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Polyalphaolefin Sales, Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA POLYALPHAOLEFIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 5.1 North America Polyalphaolefin Sales, Revenue and Market Share by Countries
  - 5.1.1 North America Polyalphaolefin Sales by Countries (2013-2018)
  - 5.1.2 North America Polyalphaolefin Revenue by Countries (2013-2018)
  - 5.1.3 United States Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 5.1.4 Canada Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 5.1.5 Mexico Polyalphaolefin Sales and Growth Rate (2013-2018)
- 5.2 North America Polyalphaolefin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 5.2.1 North America Polyalphaolefin Sales by Manufacturers (2016-2017)
  - 5.2.2 North America Polyalphaolefin Revenue by Manufacturers (2016-2017)
- 5.3 North America Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 5.3.1 North America Polyalphaolefin Sales and Sales Share by Type (2013-2018)
  - 5.3.2 North America Polyalphaolefin Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Polyalphaolefin Sales, Revenue and Market Share by Application (2013-2018)
  - 5.4.1 North America Polyalphaolefin Sales and Sales Share by Application (2013-2018)
  - 5.4.2 North America Polyalphaolefin Revenue and Revenue Share by Application (2013-2018)

## **6 EUROPE POLYALPHAOLEFIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 6.1 Europe Polyalphaolefin Sales, Revenue and Market Share by Countries
  - 6.1.1 Europe Polyalphaolefin Sales by Countries (2013-2018)



- 6.1.2 Europe Polyalphaolefin Revenue by Countries (2013-2018)
- 6.1.3 Germany Polyalphaolefin Sales and Growth Rate (2013-2018)
- 6.1.4 UK Polyalphaolefin Sales and Growth Rate (2013-2018)
- 6.1.5 France Polyalphaolefin Sales and Growth Rate (2013-2018)
- 6.1.6 Russia Polyalphaolefin Sales and Growth Rate (2013-2018)
- 6.1.7 Italy Polyalphaolefin Sales and Growth Rate (2013-2018)
- 6.2 Europe Polyalphaolefin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 6.2.1 Europe Polyalphaolefin Sales by Manufacturers (2016-2017)
  - 6.2.2 Europe Polyalphaolefin Revenue by Manufacturers (2016-2017)
- 6.3 Europe Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 6.3.1 Europe Polyalphaolefin Sales and Sales Share by Type (2013-2018)
  - 6.3.2 Europe Polyalphaolefin Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Polyalphaolefin Sales, Revenue and Market Share by Application (2013-2018)
  - 6.4.1 Europe Polyalphaolefin Sales and Sales Share by Application (2013-2018)
  - 6.4.2 Europe Polyalphaolefin Revenue and Revenue Share by Application (2013-2018)

## **7 ASIA-PACIFIC POLYALPHAOLEFIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 7.1 Asia-Pacific Polyalphaolefin Sales, Revenue and Market Share by Countries
  - 7.1.1 Asia-Pacific Polyalphaolefin Sales by Countries (2013-2018)
  - 7.1.2 Asia-Pacific Polyalphaolefin Revenue by Countries (2013-2018)
  - 7.1.3 China Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 7.1.4 Japan Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 7.1.5 Korea Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 7.1.6 India Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 7.1.7 Southeast Asia Polyalphaolefin Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Polyalphaolefin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 7.2.1 Asia-Pacific Polyalphaolefin Sales by Manufacturers (2016-2017)
  - 7.2.2 Asia-Pacific Polyalphaolefin Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 7.3.1 Asia-Pacific Polyalphaolefin Sales and Sales Share by Type (2013-2018)
  - 7.3.2 Asia-Pacific Polyalphaolefin Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific Polyalphaolefin Sales, Revenue and Market Share by Application (2013-2018)

- 7.4.1 Asia-Pacific Polyalphaolefin Sales and Sales Share by Application (2013-2018)
- 7.4.2 Asia-Pacific Polyalphaolefin Revenue and Revenue Share by Application (2013-2018)

## **8 SOUTH AMERICA POLYALPHAOLEFIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 8.1 South America Polyalphaolefin Sales, Revenue and Market Share by Countries
  - 8.1.1 South America Polyalphaolefin Sales by Countries (2013-2018)
  - 8.1.2 South America Polyalphaolefin Revenue by Countries (2013-2018)
  - 8.1.3 Brazil Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 8.1.4 Argentina Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 8.1.5 Colombia Polyalphaolefin Sales and Growth Rate (2013-2018)
- 8.2 South America Polyalphaolefin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 8.2.1 South America Polyalphaolefin Sales by Manufacturers (2016-2017)
  - 8.2.2 South America Polyalphaolefin Revenue by Manufacturers (2016-2017)
- 8.3 South America Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 8.3.1 South America Polyalphaolefin Sales and Sales Share by Type (2013-2018)
  - 8.3.2 South America Polyalphaolefin Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America Polyalphaolefin Sales, Revenue and Market Share by Application (2013-2018)
  - 8.4.1 South America Polyalphaolefin Sales and Sales Share by Application (2013-2018)
  - 8.4.2 South America Polyalphaolefin Revenue and Revenue Share by Application (2013-2018)

## **9 MIDDLE EAST AND AFRICA POLYALPHAOLEFIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 9.1 Middle East and Africa Polyalphaolefin Sales, Revenue and Market Share by Countries
  - 9.1.1 Middle East and Africa Polyalphaolefin Sales by Countries (2013-2018)
  - 9.1.2 Middle East and Africa Polyalphaolefin Revenue by Countries (2013-2018)
  - 9.1.3 Saudi Arabia Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 9.1.4 UAE Polyalphaolefin Sales and Growth Rate (2013-2018)
  - 9.1.5 Egypt Polyalphaolefin Sales and Growth Rate (2013-2018)

- 9.1.6 Nigeria Polyalphaolefin Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Polyalphaolefin Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Polyalphaolefin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 9.2.1 Middle East and Africa Polyalphaolefin Sales by Manufacturers (2016-2017)
  - 9.2.2 Middle East and Africa Polyalphaolefin Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 9.3.1 Middle East and Africa Polyalphaolefin Sales and Sales Share by Type (2013-2018)
  - 9.3.1 Middle East and Africa Polyalphaolefin Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Polyalphaolefin Sales, Revenue and Market Share by Application (2013-2018)
  - 9.4.1 Middle East and Africa Polyalphaolefin Sales and Sales Share by Application (2013-2018)
  - 9.4.2 Middle East and Africa Polyalphaolefin Revenue and Revenue Share by Application (2013-2018)

## **10 GLOBAL POLYALPHAOLEFIN MARKET SEGMENT BY TYPE**

- 10.1 Global Polyalphaolefin Sales, Revenue and Market Share by Type (2013-2018)
  - 10.1.1 Global Polyalphaolefin Sales and Market Share by Type (2013-2018)
  - 10.1.2 Global Polyalphaolefin Revenue and Market Share by Type (2013-2018)
- 10.2 Low Viscosity PAO Sales Growth and Price
  - 10.2.1 Global Low Viscosity PAO Sales Growth (2013-2018)
  - 10.2.2 Global Low Viscosity PAO Price (2013-2018)
- 10.3 Medium Viscosity PAO Sales Growth and Price
  - 10.3.1 Global Medium Viscosity PAO Sales Growth (2013-2018)
  - 10.3.2 Global Medium Viscosity PAO Price (2013-2018)
- 10.4 High Viscosity PAO Sales Growth and Price
  - 10.4.1 Global High Viscosity PAO Sales Growth (2013-2018)
  - 10.4.2 Global High Viscosity PAO Price (2013-2018)

## **11 GLOBAL POLYALPHAOLEFIN MARKET SEGMENT BY APPLICATION**

- 11.1 Global Polyalphaolefin Sales Market Share by Application (2013-2018)
- 11.2 Gear Oils (Automotive & Industrial) Sales Growth (2013-2018)
- 11.3 Greases Sales Growth (2013-2018)

- 11.4 Compressor Oils Sales Growth (2013-2018)
- 11.5 Engine Oils And Transmission Fluids Sales Growth (2013-2018)
- 11.6 High VI Hydraulic Fluids Sales Growth (2013-2018)
- 11.7 Other Industrial Oils Sales Growth (2013-2018)

## **12 POLYALPHAOLEFIN MARKET FORECAST (2018-2023)**

- 12.1 Global Polyalphaolefin Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Polyalphaolefin Market Forecast by Regions (2018-2023)
  - 12.2.1 North America Polyalphaolefin Market Forecast (2018-2023)
  - 12.2.2 Europe Polyalphaolefin Market Forecast (2018-2023)
  - 12.2.3 Asia-Pacific Polyalphaolefin Market Forecast (2018-2023)
  - 12.2.4 South America Polyalphaolefin Market Forecast (2018-2023)
  - 12.2.5 Middle East and Africa Polyalphaolefin Market Forecast (2018-2023)
- 12.3 Polyalphaolefin Market Forecast by Type (2018-2023)
  - 12.3.1 Global Polyalphaolefin Sales Forecast by Type (2018-2023)
  - 12.3.2 Global Polyalphaolefin Market Share Forecast by Type (2018-2023)
- 12.4 Polyalphaolefin Market Forecast by Application (2018-2023)
  - 12.4.1 Global Polyalphaolefin Sales Forecast by Application (2018-2023)
  - 12.4.2 Global Polyalphaolefin Market Share Forecast by Application (2018-2023)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

- 13.1 Sales Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

- 15.1 Methodology
- 15.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Polyalphaolefin Picture

Table Product Specifications of Polyalphaolefin

Figure Global Polyalphaolefin CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Polyalphaolefin CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Polyalphaolefin by Types in 2017

Figure Low Viscosity PAO Picture

Table Major Manufacturers of Low Viscosity PAO

Figure Medium Viscosity PAO Picture

Table Major Manufacturers of Medium Viscosity PAO

Figure High Viscosity PAO Picture

Table Major Manufacturers of High Viscosity PAO

Figure Polyalphaolefin Sales Market Share by Applications in 2017

Figure Gear Oils (Automotive & Industrial) Picture

Figure Greases Picture

Figure Compressor Oils Picture

Figure Engine Oils And Transmission Fluids Picture

Figure High VI Hydraulic Fluids Picture

Figure Other Industrial Oils Picture

Figure United States Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure France Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure UK Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure China Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure India Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Polyalphaolefin Revenue (Value) and Growth Rate (2013-2023)

Table INEOS Headquarter, Established, Main Business and Finance Overview (2017)

Table INEOS Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table INEOS Polyalphaolefin Product

Table INEOS Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global INEOS Polyalphaolefin Sales Market Share in 2017

Figure Global INEOS Polyalphaolefin Revenue Market Share in 2017

Table ExxonMobil Chemical Headquarter, Established, Main Business and Finance Overview (2017)

Table ExxonMobil Chemical Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table ExxonMobil Chemical Polyalphaolefin Product

Table ExxonMobil Chemical Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global ExxonMobil Chemical Polyalphaolefin Sales Market Share in 2017

Figure Global ExxonMobil Chemical Polyalphaolefin Revenue Market Share in 2017

Table CP Chemical & Neste Headquarter, Established, Main Business and Finance Overview (2017)

Table CP Chemical & Neste Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table CP Chemical & Neste Polyalphaolefin Product

Table CP Chemical & Neste Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global CP Chemical & Neste Polyalphaolefin Sales Market Share in 2017

Figure Global CP Chemical & Neste Polyalphaolefin Revenue Market Share in 2017

Table CheLura Headquarter, Established, Main Business and Finance Overview (2017)

Table CheLura Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table CheLura Polyalphaolefin Product

Table CheLura Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global CheLura Polyalphaolefin Sales Market Share in 2017

Figure Global CheLura Polyalphaolefin Revenue Market Share in 2017

Table Idemitsu Kosan Headquarter, Established, Main Business and Finance Overview (2017)

Table Idemitsu Kosan Polyalphaolefin Production Bases, Sales Regions and Major

## Competitors

Table Idemitsu Kosan Polyalphaolefin Product

Table Idemitsu Kosan Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Idemitsu Kosan Polyalphaolefin Sales Market Share in 2017

Figure Global Idemitsu Kosan Polyalphaolefin Revenue Market Share in 2017

Table NacoSynthetics Headquarter, Established, Main Business and Finance Overview (2017)

Table NacoSynthetics Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table NacoSynthetics Polyalphaolefin Product

Table NacoSynthetics Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NacoSynthetics Polyalphaolefin Sales Market Share in 2017

Figure Global NacoSynthetics Polyalphaolefin Revenue Market Share in 2017

Table Shanghai Fox Headquarter, Established, Main Business and Finance Overview (2017)

Table Shanghai Fox Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table Shanghai Fox Polyalphaolefin Product

Table Shanghai Fox Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Shanghai Fox Polyalphaolefin Sales Market Share in 2017

Figure Global Shanghai Fox Polyalphaolefin Revenue Market Share in 2017

Table Shenyang HCPAO Headquarter, Established, Main Business and Finance Overview (2017)

Table Shenyang HCPAO Polyalphaolefin Production Bases, Sales Regions and Major Competitors

Table Shenyang HCPAO Polyalphaolefin Product

Table Shenyang HCPAO Polyalphaolefin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Shenyang HCPAO Polyalphaolefin Sales Market Share in 2017

Figure Global Shenyang HCPAO Polyalphaolefin Revenue Market Share in 2017

Table Global Polyalphaolefin Sales by Manufacturer (2016-2017)

Figure Global Polyalphaolefin Sales Market Share by Manufacturer in 2016

Figure Global Polyalphaolefin Sales Market Share by Manufacturer in 2017

Table Global Polyalphaolefin Revenue by Manufacturer (2016-2017)

Figure Global Polyalphaolefin Revenue Market Share by Manufacturer in 2016

Figure Global Polyalphaolefin Revenue Market Share by Manufacturer in 2017

Table Global Polyalphaolefin Price by Manufacturer (2016-2017)  
Figure Top 3 Polyalphaolefin Manufacturer (Revenue) Market Share in 2017  
Figure Top 6 Polyalphaolefin Manufacturer (Revenue) Market Share in 2017  
Figure Global Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Global Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table Global Polyalphaolefin Sales by Regions (2013-2018)  
Table Global Polyalphaolefin Sales Market Share by Regions (2013-2018)  
Table Global Polyalphaolefin Revenue by Regions (2013-2018)  
Figure Global Polyalphaolefin Revenue Market Share by Regions in 2013  
Figure Global Polyalphaolefin Revenue Market Share by Regions in 2017  
Figure North America Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure North America Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Figure Europe Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Europe Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Figure Asia-Pacific Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Asia-Pacific Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Figure South America Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure South America Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Figure Middle East and Africa Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Middle East and Africa Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Figure North America Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table North America Polyalphaolefin Sales by Countries (2013-2018)  
Table North America Polyalphaolefin Sales Market Share by Countries (2013-2018)  
Figure North America Polyalphaolefin Sales Market Share by Countries in 2013  
Figure North America Polyalphaolefin Sales Market Share by Countries in 2017  
Table North America Polyalphaolefin Revenue by Countries (2013-2018)  
Table North America Polyalphaolefin Revenue Market Share by Countries (2013-2018)  
Figure North America Polyalphaolefin Revenue Market Share by Countries in 2013  
Figure North America Polyalphaolefin Revenue Market Share by Countries in 2017  
Figure United States Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Canada Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Mexico Polyalphaolefin Sales and Growth Rate (2013-2018)  
Table North America Polyalphaolefin Sales by Manufacturer (2016-2017)  
Figure North America Polyalphaolefin Sales Market Share by Manufacturer in 2016  
Figure North America Polyalphaolefin Sales Market Share by Manufacturer in 2017  
Table North America Polyalphaolefin Revenue by Manufacturer (2016-2017)  
Figure North America Polyalphaolefin Revenue Market Share by Manufacturer in 2016  
Figure North America Polyalphaolefin Revenue Market Share by Manufacturer in 2017  
Table North America Polyalphaolefin Sales by Type (2013-2018)



Table North America Polyalphaolefin Sales Share by Type (2013-2018)  
Table North America Polyalphaolefin Revenue by Type (2013-2018)  
Table North America Polyalphaolefin Revenue Share by Type (2013-2018)  
Table North America Polyalphaolefin Sales by Application (2013-2018)  
Table North America Polyalphaolefin Sales Share by Application (2013-2018)  
Table North America Polyalphaolefin Revenue by Application (2013-2018)  
Table North America Polyalphaolefin Revenue Share by Application (2013-2018)  
Figure Europe Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table Europe Polyalphaolefin Sales by Countries (2013-2018)  
Table Europe Polyalphaolefin Sales Market Share by Countries (2013-2018)  
Table Europe Polyalphaolefin Revenue by Countries (2013-2018)  
Figure Europe Polyalphaolefin Revenue Market Share by Countries in 2016  
Figure Europe Polyalphaolefin Revenue Market Share by Countries in 2017  
Figure Germany Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure UK Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure France Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Russia Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Italy Polyalphaolefin Sales and Growth Rate (2013-2018)  
Table Europe Polyalphaolefin Sales by Manufacturer (2016-2017)  
Figure Europe Polyalphaolefin Sales Market Share by Manufacturer in 2016  
Figure Europe Polyalphaolefin Sales Market Share by Manufacturer in 2017  
Table Europe Polyalphaolefin Revenue by Manufacturer (2016-2017)  
Figure Europe Polyalphaolefin Revenue Market Share by Manufacturer in 2016  
Figure Europe Polyalphaolefin Revenue Market Share by Manufacturer in 2017  
Table Europe Polyalphaolefin Sales by Type (2013-2018)  
Table Europe Polyalphaolefin Sales Share by Type (2013-2018)  
Table Europe Polyalphaolefin Revenue by Type (2013-2018)  
Table Europe Polyalphaolefin Revenue Share by Type (2013-2018)  
Table Europe Polyalphaolefin Sales by Application (2013-2018)  
Table Europe Polyalphaolefin Sales Share by Application (2013-2018)  
Table Europe Polyalphaolefin Revenue by Application (2013-2018)  
Table Europe Polyalphaolefin Revenue Share by Application (2013-2018)  
Figure Asia-Pacific Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales by Countries (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales Market Share by Countries (2013-2018)  
Figure Asia-Pacific Polyalphaolefin Sales Market Share by Countries 2017  
Table Asia-Pacific Polyalphaolefin Revenue by Countries (2013-2018)  
Figure Asia-Pacific Polyalphaolefin Revenue Market Share by Countries 2017  
Figure China Polyalphaolefin Sales and Growth Rate (2013-2018)

Figure Japan Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Korea Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure India Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Southeast Asia Polyalphaolefin Sales and Growth Rate (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales by Manufacturer (2016-2017)  
Figure Asia-Pacific Polyalphaolefin Sales Market Share by Manufacturer in 2016  
Figure Asia-Pacific Polyalphaolefin Sales Market Share by Manufacturer in 2017  
Table Asia-Pacific Polyalphaolefin Revenue by Manufacturer (2016-2017)  
Figure Asia-Pacific Polyalphaolefin Revenue Market Share by Manufacturer in 2016  
Figure Asia-Pacific Polyalphaolefin Revenue Market Share by Manufacturer in 2017  
Table Asia-Pacific Polyalphaolefin Sales by Type (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales Share by Type (2013-2018)  
Table Asia-Pacific Polyalphaolefin Revenue by Type (2013-2018)  
Table Asia-Pacific Polyalphaolefin Revenue Share by Type (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales by Application (2013-2018)  
Table Asia-Pacific Polyalphaolefin Sales Share by Application (2013-2018)  
Table Asia-Pacific Polyalphaolefin Revenue by Application (2013-2018)  
Table Asia-Pacific Polyalphaolefin Revenue Share by Application (2013-2018)  
Figure South America Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table South America Polyalphaolefin Sales by Countries (2013-2018)  
Table South America Polyalphaolefin Sales Market Share by Countries (2013-2018)  
Figure South America Polyalphaolefin Sales Market Share by Countries in 2017  
Table South America Polyalphaolefin Revenue by Countries (2013-2018)  
Table South America Polyalphaolefin Revenue Market Share by Countries (2013-2018)  
Figure South America Polyalphaolefin Revenue Market Share by Countries in 2017  
Figure Brazil Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Argentina Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Colombia Polyalphaolefin Sales and Growth Rate (2013-2018)  
Table South America Polyalphaolefin Sales by Manufacturer (2016-2017)  
Figure South America Polyalphaolefin Sales Market Share by Manufacturer in 2016  
Figure South America Polyalphaolefin Sales Market Share by Manufacturer in 2017  
Table South America Polyalphaolefin Revenue by Manufacturer (2016-2017)  
Figure South America Polyalphaolefin Revenue Market Share by Manufacturer in 2016  
Figure South America Polyalphaolefin Revenue Market Share by Manufacturer in 2017  
Table South America Polyalphaolefin Sales by Type (2013-2018)  
Table South America Polyalphaolefin Sales Share by Type (2013-2018)  
Table South America Polyalphaolefin Revenue by Type (2013-2018)  
Table South America Polyalphaolefin Revenue Share by Type (2013-2018)  
Table South America Polyalphaolefin Sales by Application (2013-2018)

Table South America Polyalphaolefin Sales Share by Application (2013-2018)  
Table South America Polyalphaolefin Revenue by Application (2013-2018)  
Table South America Polyalphaolefin Revenue Share by Application (2013-2018)  
Figure Middle East and Africa Polyalphaolefin Revenue and Growth Rate (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales by Countries (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales Market Share by Countries (2013-2018)  
Figure Middle East and Africa Polyalphaolefin Sales Market Share by Countries in 2017  
Table Middle East and Africa Polyalphaolefin Revenue by Countries (2013-2018)  
Table Middle East and Africa Polyalphaolefin Revenue Market Share by Countries (2013-2018)  
Figure Middle East and Africa Polyalphaolefin Revenue Market Share by Countries in 2013  
Figure Middle East and Africa Polyalphaolefin Revenue Market Share by Countries in 2017  
Figure Saudi Arabia Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure UAE Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Egypt Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure Nigeria Polyalphaolefin Sales and Growth Rate (2013-2018)  
Figure South Africa Polyalphaolefin Sales and Growth Rate (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales by Manufacturer (2016-2017)  
Figure Middle East and Africa Polyalphaolefin Sales Market Share by Manufacturer in 2016  
Figure Middle East and Africa Polyalphaolefin Sales Market Share by Manufacturer in 2017  
Table Middle East and Africa Polyalphaolefin Revenue by Manufacturer (2016-2017)  
Figure Middle East and Africa Polyalphaolefin Revenue Market Share by Manufacturer in 2016  
Figure Middle East and Africa Polyalphaolefin Revenue Market Share by Manufacturer in 2017  
Table Middle East and Africa Polyalphaolefin Sales by Type (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales Share by Type (2013-2018)  
Table Middle East and Africa Polyalphaolefin Revenue by Type (2013-2018)  
Table Middle East and Africa Polyalphaolefin Revenue Share by Type (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales by Application (2013-2018)  
Table Middle East and Africa Polyalphaolefin Sales Share by Application (2013-2018)  
Table Middle East and Africa Polyalphaolefin Revenue by Application (2013-2018)  
Table Middle East and Africa Polyalphaolefin Revenue Share by Application (2013-2018)

Table Global Polyalphaolefin Sales by Type (2013-2018)  
Table Global Polyalphaolefin Sales Share by Type (2013-2018)  
Table Global Polyalphaolefin Revenue by Type (2013-2018)  
Table Global Polyalphaolefin Revenue Share by Type (2013-2018)  
Figure Global Low Viscosity PAO Sales Growth (2013-2018)  
Figure Global Low Viscosity PAO Price (2013-2018)  
Figure Global Medium Viscosity PAO Sales Growth (2013-2018)  
Figure Global Medium Viscosity PAO Price (2013-2018)  
Figure Global High Viscosity PAO Sales Growth (2013-2018)  
Figure Global High Viscosity PAO Price (2013-2018)  
Table Global Polyalphaolefin Sales by Application (2013-2018)  
Table Global Polyalphaolefin Sales Share by Application (2013-2018)  
Figure Global Gear Oils (Automotive & Industrial) Sales Growth (2013-2018)  
Figure Global Greases Sales Growth (2013-2018)  
Figure Global Compressor Oils Sales Growth (2013-2018)  
Figure Global Engine Oils And Transmission Fluids Sales Growth (2013-2018)  
Figure Global High VI Hydraulic Fluids Sales Growth (2013-2018)  
Figure Global Other Industrial Oils Sales Growth (2013-2018)  
Figure Global Polyalphaolefin Sales, Revenue and Growth Rate (2018-2023)  
Table Global Polyalphaolefin Sales Forecast by Regions (2018-2023)  
Table Global Polyalphaolefin Market Share Forecast by Regions (2018-2023)  
Figure North America Sales Polyalphaolefin Market Forecast (2018-2023)  
Figure Europe Sales Polyalphaolefin Market Forecast (2018-2023)  
Figure Asia-Pacific Sales Polyalphaolefin Market Forecast (2018-2023)  
Figure South America Sales Polyalphaolefin Market Forecast (2018-2023)  
Figure Middle East and Africa Sales Polyalphaolefin Market Forecast (2018-2023)  
Table Global Polyalphaolefin Sales Forecast by Type (2018-2023)  
Table Global Polyalphaolefin Market Share Forecast by Type (2018-2023)  
Table Global Polyalphaolefin Sales Forecast by Application (2018-2023)  
Table Global Polyalphaolefin Market Share Forecast by Application (2018-2023)  
Table Distributors/Traders/ Dealers List

## I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)  
Polyalphaolefin Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G2E27E807E6EN.html>

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2E27E807E6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

