

# Global Poly-Alpha Olefins (PAO) Based Lubricants Market Research Report 2017

<https://marketpublishers.com/r/GF3409FC12CEN.html>

Date: January 2017

Pages: 121

Price: US\$ 2,900.00 (Single User License)

ID: GF3409FC12CEN

## Abstracts

### Notes:

Production, means the output of Poly-Alpha Olefins (PAO) Based Lubricants

Revenue, means the sales value of Poly-Alpha Olefins (PAO) Based Lubricants

This report studies Poly-Alpha Olefins (PAO) Based Lubricants in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

Chevron Phillips Chemical Company LLC

ExxonMobil

Tulstar Products, Inc

INEOS Oligomers

Chemtura Corporation

NACO Corporation

Shanghai Fox Chemical Technology Co., Ltd.

Lubricon Industries

Idemitsu Kosan Co., Ltd.

Mitsui Chemicals, Inc.

Shell Chemical Ltd.

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Poly-Alpha Olefins (PAO) Based Lubricants in these regions, from 2011 to 2021 (forecast), like

North America

Europe

China

Japan

Southeast Asia

India

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Gear Oil

Engine Oil

Compressor Oil

Grease

Others

Split by application, this report focuses on consumption, market share and growth rate of Poly-Alpha Olefins (PAO) Based Lubricants in each application, can be divided into

Commercial Vehicles

Passenger Cars

Marine

Aviation

Other

## Contents

Global Poly-Alpha Olefins (PAO) Based Lubricants Market Research Report 2017

### **1 POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MARKET OVERVIEW**

1.1 Product Overview and Scope of Poly-Alpha Olefins (PAO) Based Lubricants

1.2 Poly-Alpha Olefins (PAO) Based Lubricants Segment by Type

1.2.1 Global Production Market Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type in 2015

1.2.2 Gear Oil

1.2.3 Engine Oil

1.2.4 Compressor Oil

1.2.5 Grease

1.2.6 Others

1.3 Poly-Alpha Olefins (PAO) Based Lubricants Segment by Application

1.3.1 Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Application in 2015

1.3.2 Commercial Vehicles

1.3.3 Passenger Cars

1.3.4 Marine

1.3.5 Aviation

1.3.6 Other

1.4 Poly-Alpha Olefins (PAO) Based Lubricants Market by Region

1.4.1 North America Status and Prospect (2012-2022)

1.4.2 Europe Status and Prospect (2012-2022)

1.4.3 China Status and Prospect (2012-2022)

1.4.4 Japan Status and Prospect (2012-2022)

1.4.5 Southeast Asia Status and Prospect (2012-2022)

1.4.6 India Status and Prospect (2012-2022)

1.5 Global Market Size (Value) of Poly-Alpha Olefins (PAO) Based Lubricants (2012-2022)

### **2 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MARKET COMPETITION BY MANUFACTURERS**

2.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production and Share by Manufacturers (2015 and 2016)

2.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue and Share by

Manufacturers (2015 and 2016)

2.3 Global Poly-Alpha Olefins (PAO) Based Lubricants Average Price by Manufacturers (2015 and 2016)

2.4 Manufacturers Poly-Alpha Olefins (PAO) Based Lubricants Manufacturing Base Distribution, Sales Area and Product Type

2.5 Poly-Alpha Olefins (PAO) Based Lubricants Market Competitive Situation and Trends

2.5.1 Poly-Alpha Olefins (PAO) Based Lubricants Market Concentration Rate

2.5.2 Poly-Alpha Olefins (PAO) Based Lubricants Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

### **3 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)**

3.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity and Market Share by Region (2012-2017)

3.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Production and Market Share by Region (2012-2017)

3.3 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Value) and Market Share by Region (2012-2017)

3.4 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.5 North America Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.6 Europe Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.7 China Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.8 Japan Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.9 Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.10 India Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

### **4 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2012-2017)**

4.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption by Regions (2012-2017)

4.2 North America Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

4.3 Europe Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

4.4 China Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

4.5 Japan Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

4.6 Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

4.7 India Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export, Import (2012-2017)

## **5 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE**

5.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Production and Market Share by Type (2012-2017)

5.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue and Market Share by Type (2012-2017)

5.3 Global Poly-Alpha Olefins (PAO) Based Lubricants Price by Type (2012-2017)

5.4 Global Poly-Alpha Olefins (PAO) Based Lubricants Production Growth by Type (2012-2017)

## **6 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MARKET ANALYSIS BY APPLICATION**

6.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption and Market Share by Application (2012-2017)

6.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Growth Rate by Application (2012-2017)

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

## **7 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MANUFACTURERS PROFILES/ANALYSIS**

## 7.1 Chevron Phillips Chemical Company LLC

7.1.1 Company Basic Information, Manufacturing Base and Its Competitors

7.1.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

7.1.2.1 Gear Oil

7.1.2.2 Engine Oil

7.1.3 Chevron Phillips Chemical Company LLC Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.1.4 Main Business/Business Overview

## 7.2 ExxonMobil

7.2.1 Company Basic Information, Manufacturing Base and Its Competitors

7.2.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

7.2.2.1 Gear Oil

7.2.2.2 Engine Oil

7.2.3 ExxonMobil Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.2.4 Main Business/Business Overview

## 7.3 Tulstar Products, Inc

7.3.1 Company Basic Information, Manufacturing Base and Its Competitors

7.3.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

7.3.2.1 Gear Oil

7.3.2.2 Engine Oil

7.3.3 Tulstar Products, Inc Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

## 7.4 INEOS Oligomers

7.4.1 Company Basic Information, Manufacturing Base and Its Competitors

7.4.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

7.4.2.1 Gear Oil

7.4.2.2 Engine Oil

7.4.3 INEOS Oligomers Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

## 7.5 Chemtura Corporation

7.5.1 Company Basic Information, Manufacturing Base and Its Competitors

## 7.5.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

### 7.5.2.1 Gear Oil

### 7.5.2.2 Engine Oil

## 7.5.3 Chemtura Corporation Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

### 7.5.4 Main Business/Business Overview

## 7.6 NACO Corporation

### 7.6.1 Company Basic Information, Manufacturing Base and Its Competitors

## 7.6.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

### 7.6.2.1 Gear Oil

### 7.6.2.2 Engine Oil

## 7.6.3 NACO Corporation Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

### 7.6.4 Main Business/Business Overview

## 7.7 Shanghai Fox Chemical Technology Co., Ltd.

### 7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

## 7.7.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

### 7.7.2.1 Gear Oil

### 7.7.2.2 Engine Oil

## 7.7.3 Shanghai Fox Chemical Technology Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

### 7.7.4 Main Business/Business Overview

## 7.8 Lubricon Industries

### 7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

## 7.8.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

### 7.8.2.1 Gear Oil

### 7.8.2.2 Engine Oil

## 7.8.3 Lubricon Industries Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

### 7.8.4 Main Business/Business Overview

## 7.9 Idemitsu Kosan Co., Ltd.

### 7.9.1 Company Basic Information, Manufacturing Base and Its Competitors

## 7.9.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

### 7.9.2.1 Gear Oil



#### 7.9.2.2 Engine Oil

7.9.3 Idemitsu Kosan Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

#### 7.9.4 Main Business/Business Overview

### 7.10 Mitsui Chemicals, Inc.

#### 7.10.1 Company Basic Information, Manufacturing Base and Its Competitors

7.10.2 Poly-Alpha Olefins (PAO) Based Lubricants Product Type, Application and Specification

##### 7.10.2.1 Gear Oil

##### 7.10.2.2 Engine Oil

7.10.3 Mitsui Chemicals, Inc. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

#### 7.10.4 Main Business/Business Overview

### 7.11 Shell Chemical Ltd.

## **8 POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MANUFACTURING COST ANALYSIS**

### 8.1 Poly-Alpha Olefins (PAO) Based Lubricants Key Raw Materials Analysis

#### 8.1.1 Key Raw Materials

#### 8.1.2 Price Trend of Key Raw Materials

#### 8.1.3 Key Suppliers of Raw Materials

#### 8.1.4 Market Concentration Rate of Raw Materials

### 8.2 Proportion of Manufacturing Cost Structure

#### 8.2.1 Raw Materials

#### 8.2.2 Labor Cost

#### 8.2.3 Manufacturing Expenses

### 8.3 Manufacturing Process Analysis of Poly-Alpha Olefins (PAO) Based Lubricants

## **9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

### 9.1 Poly-Alpha Olefins (PAO) Based Lubricants Industrial Chain Analysis

#### 9.2 Upstream Raw Materials Sourcing

9.3 Raw Materials Sources of Poly-Alpha Olefins (PAO) Based Lubricants Major Manufacturers in 2015

#### 9.4 Downstream Buyers

## **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel
  - 10.1.1 Direct Marketing
  - 10.1.2 Indirect Marketing
  - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
  - 10.2.1 Pricing Strategy
  - 10.2.2 Brand Strategy
  - 10.2.3 Target Client
- 10.3 Distributors/Traders List

## **11 MARKET EFFECT FACTORS ANALYSIS**

- 11.1 Technology Progress/Risk
  - 11.1.1 Substitutes Threat
  - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

## **12 GLOBAL POLY-ALPHA OLEFINS (PAO) BASED LUBRICANTS MARKET FORECAST (2017-2022)**

- 12.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue Forecast (2017-2022)
  - 12.1.1 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production and Growth Rate Forecast (2017-2022)
  - 12.1.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue and Growth Rate Forecast (2017-2022)
  - 12.1.3 Global Poly-Alpha Olefins (PAO) Based Lubricants Price and Trend Forecast (2017-2022)
- 12.2 Global Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import and Export Forecast by Regions (2017-2022)
  - 12.2.1 North America Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.2 Europe Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.3 China Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.4 Japan Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.5 Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.6 India Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.3 Global Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Price Forecast by Type (2017-2022)

12.4 Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Forecast by Application (2017-2022)

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

Methodology

Analyst Introduction

Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

- Figure Picture of Poly-Alpha Olefins (PAO) Based Lubricants
- Figure Global Production Market Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type in 2015
- Figure Product Picture of Gear Oil
- Table Major Manufacturers of Gear Oil
- Figure Product Picture of Engine Oil
- Table Major Manufacturers of Engine Oil
- Figure Product Picture of Compressor Oil
- Table Major Manufacturers of Compressor Oil
- Figure Product Picture of Grease
- Table Major Manufacturers of Grease
- Figure Product Picture of Others
- Table Major Manufacturers of Others
- Table Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Application in 2015
- Figure Commercial Vehicles Examples
- Figure Passenger Cars Examples
- Figure Marine Examples
- Figure Aviation Examples
- Figure Other Examples
- Figure North America Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure Europe Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure China Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure Japan Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure India Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) and Growth Rate (2012-2022)
- Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million UDS) and Growth Rate (2012-2022)
- Table Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity of Key

Manufacturers (2015 and 2016)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity Market Share by Manufacturers (2015 and 2016)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity of Key Manufacturers in 2015

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity of Key Manufacturers in 2016

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production of Key Manufacturers (2015 and 2016)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production Share by Manufacturers (2015 and 2016)

Figure 2015 Poly-Alpha Olefins (PAO) Based Lubricants Production Share by Manufacturers

Figure 2016 Poly-Alpha Olefins (PAO) Based Lubricants Production Share by Manufacturers

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Share by Manufacturers

Table 2016 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Share by Manufacturers

Table Global Market Poly-Alpha Olefins (PAO) Based Lubricants Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Poly-Alpha Olefins (PAO) Based Lubricants Average Price of Key Manufacturers in 2015

Table Manufacturers Poly-Alpha Olefins (PAO) Based Lubricants Manufacturing Base Distribution and Sales Area

Table Manufacturers Poly-Alpha Olefins (PAO) Based Lubricants Product Type

Figure Poly-Alpha Olefins (PAO) Based Lubricants Market Share of Top 3 Manufacturers

Figure Poly-Alpha Olefins (PAO) Based Lubricants Market Share of Top 5 Manufacturers

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity by Regions (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity Market Share by Regions (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity Market Share by

Regions (2012-2017)

Figure 2015 Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity Market Share by Regions

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production by Regions (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Production and Market Share by Regions (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Production Market Share by Regions (2012-2017)

Figure 2015 Global Poly-Alpha Olefins (PAO) Based Lubricants Production Market Share by Regions

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue by Regions (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Market Share by Regions (2012-2017)

Table 2015 Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Market Share by Regions

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table North America Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table Europe Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table China Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table Japan Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table India Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market by Regions (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Regions (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Regions (2012-2017)

Figure 2015 Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Regions



Table North America Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table Europe Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table China Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table Japan Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table India Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Import & Export (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production by Type (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production Share by Type (2012-2017)

Figure Production Market Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type (2012-2017)

Figure 2015 Production Market Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue by Type (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Share by Type (2012-2017)

Figure Production Revenue Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type (2012-2017)

Figure 2015 Revenue Market Share of Poly-Alpha Olefins (PAO) Based Lubricants by Type

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Price by Type (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Production Growth by Type (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption by Application (2012-2017)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Application (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Market Share by Application in 2015

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Growth Rate by Application (2012-2017)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Growth Rate by Application (2012-2017)

Table Chevron Phillips Chemical Company LLC Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Chevron Phillips Chemical Company LLC Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Chevron Phillips Chemical Company LLC Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table ExxonMobil Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ExxonMobil Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure ExxonMobil Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Tulstar Products, Inc Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Tulstar Products, Inc Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Tulstar Products, Inc Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table INEOS Oligomers Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table INEOS Oligomers Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure INEOS Oligomers Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Chemtura Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Chemtura Corporation Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Chemtura Corporation Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table NACO Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table NACO Corporation Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure NACO Corporation Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Shanghai Fox Chemical Technology Co., Ltd. Basic Information, Manufacturing



Base, Sales Area and Its Competitors

Table Shanghai Fox Chemical Technology Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Shanghai Fox Chemical Technology Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Lubricon Industries Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Lubricon Industries Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Lubricon Industries Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Idemitsu Kosan Co., Ltd. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Idemitsu Kosan Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Idemitsu Kosan Co., Ltd. Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Mitsui Chemicals, Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Mitsui Chemicals, Inc. Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Mitsui Chemicals, Inc. Poly-Alpha Olefins (PAO) Based Lubricants Market Share (2015 and 2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Poly-Alpha Olefins (PAO) Based Lubricants

Figure Manufacturing Process Analysis of Poly-Alpha Olefins (PAO) Based Lubricants

Figure Poly-Alpha Olefins (PAO) Based Lubricants Industrial Chain Analysis

Table Raw Materials Sources of Poly-Alpha Olefins (PAO) Based Lubricants Major Manufacturers in 2015

Table Major Buyers of Poly-Alpha Olefins (PAO) Based Lubricants

Table Distributors/Traders List

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Capacity, Production and Growth Rate Forecast (2017-2022)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue and Growth Rate Forecast (2017-2022)

Figure Global Poly-Alpha Olefins (PAO) Based Lubricants Price and Trend Forecast (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production Forecast by Regions (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Forecast by Regions (2017-2022)

Figure North America Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table North America Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Figure Europe Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table Europe Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Figure China Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table China Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Figure Japan Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table Japan Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Figure Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table Southeast Asia Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Figure India Poly-Alpha Olefins (PAO) Based Lubricants Production, Revenue and Growth Rate Forecast (2017-2022)

Table India Poly-Alpha Olefins (PAO) Based Lubricants Production, Consumption, Export and Import Forecast (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Production Forecast by Type (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Revenue Forecast by Type (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Price Forecast by Type (2017-2022)

Table Global Poly-Alpha Olefins (PAO) Based Lubricants Consumption Forecast by Application (2017-2022)

## I would like to order

Product name: Global Poly-Alpha Olefins (PAO) Based Lubricants Market Research Report 2017

Product link: <https://marketpublishers.com/r/GF3409FC12CEN.html>

Price: US\$ 2,900.00 (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/GF3409FC12CEN.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