

# 2018 Top 5 Poly Alpha Olefin (PAO) Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/2CE4D6C5077EN.html>

Date: July 2018

Pages: 123

Price: US\$ 4,960.00 (Single User License)

ID: 2CE4D6C5077EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Poly alpha olefin (PAO) is colorless liquids with well-defined, wax-free isoparaffinic structures. Poly alpha olefins have a complex branched structure with an olefin bond in the alpha position of one of the branches. Hydrogenated poly alpha olefins have olefin-carbons saturated with hydrogen, which lends excellent thermal stability to the molecule. It is widely used in automotive and industrial fields.

Poly alpha olefins have a complex branched structure with an olefin bond in the alpha position of one of the branches. It can be adjusted the component of raw material and degree of polymerization to obtain viscosity range of products. Compared with the mineral oil, it has superior performance, such as high viscosity index, high flash point, low volatility etc. Therefore, poly alpha olefin is widely used in many synthetic products, such as lubricants, greases and fluids. With the development of modern industry, the demand of poly alpha olefin (PAO) has maintained steady growth.

There are obvious difference manufacturing process between China and foreign manufacturers in the manufacturing process of poly alpha olefin (PAO). It is mainly the olefin oligomerization method that in abroad, which can be strictly controlled during the reaction process. And it can obtain product with strong anti-oxidation characteristics. But in China, the production of poly alpha olefin (PAO) is mainly the petroleum cracking method, which products molecular weight has poor uniformity.

At present, Chemtura, ExxonMobil Chemical and Naco are the major players in the producing of high viscosity PAO products. Other manufacturers' products are mainly concentrated in low viscosity PAO, medium viscosity PAO fields. With the development the technology, most of the manufacturers will enter into the high viscosity PAO products fields.

Over the next five years, LPI(LP Information) projects that Poly Alpha Olefin (PAO) will register a 1.2% CAGR in terms of revenue, reach US\$ 4130 million by 2023, from US\$ 3840 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

INEOS

ExxonMobil Chemical

Chemical

Chemtura

Idemitsu Kosan

Naco

Shenyang HCPAO

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Low Viscosity PAO

Medium Viscosity PAO

High Viscosity PAO

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Automotive Oils

Industrial Oils

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