

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Poly Alpha Olefin (PAO) Market 2018, Forecast to 2023

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Abstracts

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.

SCOPE OF THE REPORT:

This report focuses on the Poly Alpha Olefin (PAO) 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.

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.

The worldwide market for Poly Alpha Olefin (PAO) is expected to grow at a CAGR of roughly 1.2% over the next five years, will reach 4130 million US\$ in 2023, from 3840 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

INEOS

ExxonMobil Chemical

Chemical

Chemtura

Idemitsu Kosan

Naco

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

Automotive Oils

Industrial Oils

There are 15 Chapters to deeply display the global Poly Alpha Olefin (PAO) market.

Chapter 1, to describe Poly Alpha Olefin (PAO) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Poly Alpha Olefin (PAO), with sales, revenue, and price of Poly Alpha Olefin (PAO), 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 Poly Alpha Olefin (PAO), 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, Poly Alpha Olefin (PAO) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Poly Alpha Olefin (PAO) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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