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### **ExxonMobil responds to customer needs, increasing metallocene high viscosity synthetic base stock production capacity**

- Market trending towards high viscosity synthetic basestocks to support energy efficiency and sustainable lubricant solutions supporting growth of renewable energy such as wind
- Planned production increase of approximately 20% at Baytown Chemicals plant

HOUSTON, Texas – [ExxonMobil Synthetics](#) (ExxonMobil) announced today it is responding to customer needs and has confirmed plant feasibility to significantly increasing high viscosity metallocene polyalphaolefin (High Viscosity mPAO) synthetic base stock production.

The demonstration of higher production capability is a result of a successful plant trial and planned subsequent expansion of the Baytown manufacturing facility in Texas, USA that has been serving customers for 100 years. This resulted in a proven run rate of approximately 20% over design basis and would move the capacity to 60 kilo-tons of High Viscosity mPAO production per year for the plant.

“Our customers demand a reliable supply of high quality synthetic base stocks to enable them to innovate confidently. Investing in our production facilities and responding to market drivers allows us to stay at the forefront of the base stocks industry. As adoption of the metallocene synthetic base stock platform increases across industrial, automotive and wind turbine markets, we’ve invested over half a billion dollars in plant capacity improvements in the last decade. The market is continuously evolving and the investments made position us to meet our customer’s long-term requirements as they grow their business, as well as support the increasing societal need for renewable energy. Our synthetic base stocks help formulators create lubricants that are more energy efficient, work under more severe operating conditions, offer extended drain intervals and provide advanced lubricant performance” said Kerrie-Anne Lanigan, Vice President of ExxonMobil Synthetics.

The synthetic lubricant market is forecasted to grow by over 25%\* between 2020 and 2025, with a further upside in the industrial lubricant space. The ExxonMobil Synthetics Business Unit has four Group IV and V base stock manufacturing facilities supplying over 375KT across all grades to ensure global supply leadership capabilities. This has enabled ExxonMobil Synthetics to build a strong reputation for delivering products on time and on spec.

- Global leadership in manufacturing capacity:
  - o Low-viscosity PAO – an annual global capacity of **209,000 tons**
  - o High-viscosity PAO – an annual global capacity of **102,000 tons**
  - o Esters – an annual global capacity of **67,000 tons**

\*Data courtesy of Kline and Company

[Take a fascinating look](#) at one of our synthetic base stock manufacturing units to see how we do it.



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### About ExxonMobil Synthetics

Today's formulators face demands for greater energy efficiency, emissions reductions and fuel economy. They strive to create lubricants that provide longer drain intervals, better performance in a wider temperature range and increased durability under severe conditions. These challenges spark a need for innovation. ExxonMobil's broad portfolio of advanced synthetic base stocks can help meet the high performance expectations of Original Equipment Manufacturers (OEM), as well as increasingly demanding specifications. You can rely on ExxonMobil Synthetics for consistent, high-quality synthetic base stocks, a world-class global supply network and exceptional support allowing you to Innovate confidently. [www.exxonmobilsynthetics.com](http://www.exxonmobilsynthetics.com)

### About ExxonMobil Chemical

ExxonMobil Chemical is one of the largest chemical companies in the world. The company holds leadership positions in some of the largest-volume and highest-growth commodity chemical products. ExxonMobil Chemical has manufacturing capacity in every major region of the world, serving large and growing markets. More than 90 percent of the company's chemical capacity is integrated with ExxonMobil refineries or natural gas processing plants. To learn more, visit [www.exxonmobilchemical.com](http://www.exxonmobilchemical.com)

\*Data courtesy of Kline and Company