

# Mobil Industrial Lubricants: helping to power the energy sector for more than 100 Years

For more than 100 years, the team behind [Mobil Industrial Lubricants](#) continues to help companies all around the world to meet their most [demanding energy challenges](#), pushing the [boundaries of innovation](#) and setting [new benchmarks](#) for lubrication excellence.

Today, Mobil Industrial Lubricants' family of premium oils and maintenance solutions help successful companies within the global energy sector to boost their productivity, enhance the performance and life of their equipment, increase profitability and reduce downtime.

With qualified research chemists and lubricant formulators, as well as an extensive Equipment Builder Group work side-by-side with customers and leading equipment manufacturers around the globe, the team behind Mobil Industrial Lubricants leverages its application-specific expertise and close relationships with leading OEMs to engineer products that help customers to take their productivity to new heights.

## Technology leadership

With a legacy of developing high-performance lubricants that enable equipment to operate in even under some of the most extreme conditions – including high temperature and heavy load – it's no surprise that Mobil Industrial Lubricants' family of premium oils and greases are used extensively in nearly every type of machinery in a wide range of energy applications, such as:

- Nuclear Power Plants
- Coal-Fired Power Plants
- High-Powered Gas Turbines
- Natural Gas Engines
- Wind Turbines

As a pioneer in synthetic lubricant technology, the team behind Mobil Industrial Lubricants offers industry-

proven Mobil SHC lubricants that deliver exceptional protection for equipment operating in some of the most demanding applications. In fact, the Mobil SHC family of synthetic lubricants are endorsed for use in over 5,800 applications by more than 1,100 major equipment builders around the world for exclusive or preferential use.

In fact, did you know that Mobilgear SHC XMP 320, a high-performance synthetic gear oil, is approved by the world's major gear, bearing and wind turbine manufacturers, and is used to lubricate more than 25,000 wind turbines worldwide?

Also, the proven performance of the Mobil 600 SHC Series – a high-performance line of fully-synthetic circulating and gear oil – is exemplified by its more than 1,000 major equipment builder recommendations.

Along with the popular Mobil SHC family of products, the team behind Mobil Industrial Lubricants also offers Mobil DTE 700 Series, which meets the demanding requirements of 17 industry and equipment builder specifications for gas and steam turbine oils, as well as, the latest addition to the Mobil Pegasus line of gas engine oils, Mobil Pegasus 1005.

Mobil Pegasus 1005 is backed by extensive OEM approvals and has demonstrated exceptional equipment protection while enabling longer run time with fewer oil drains.

## Staying ahead of the competition

Along with providing premium lubricants, the team behind Mobil Industrial Lubricants offers a wide range of aftermarket services that provide companies with dedicated, hands-on support to better manage their equipment maintenance needs.

Around the world, technical experts from ExxonMobil's Field Engineering Services (FES) team work closely with companies in the energy sector, offering expert advice on best-in-class lubrication and maintenance practices.

For example, with ExxonMobil's proprietary Signum Oil Analysis Program, companies can help expand their predictive maintenance programs and closely track equipment reliability. Easy and convenient to use, Signum is a state-of-the-art online oil analysis program that monitors critical indicators in used oil based on leading equipment builder specifications and international standards.

So while the demands of companies in the energy sector continue to evolve nearly everyday, almost everywhere around the world, the team behind Mobil Industrial Lubricants is there to help them meet their most significant energy challenges and maximize their productivity.

Just like they have for more than 100 years.

To learn more about how Mobil Industrial Lubricants can help unleash your productivity and enhance the performance of your company's equipment, please visit [www.mobilindustrial.com](http://www.mobilindustrial.com).



## ExxonMobil and COT-Puritech completes gear oil conversion in 32 enXco GE 1.5MW Wind Turbines

**New high-performance Mobil SHC XMP 320 and COT-Puritech's proprietary gearbox flushing procedure has potential to generate significant cost savings**

Exemplifying its ability to deliver high-performance synthetic lubricants that can meet the most demanding applications, ExxonMobil has announced that its synthetic Mobil SHC XMP 320 gear oil has been selected for a second-fill application in GE wind turbines operated by enXco, a leading owner and operator of wind turbines in North America.

Used in more than 25,000 wind turbines worldwide, Mobil SHC XMP gear oil is designed to deliver exceptional, long-lasting performance, reduce wear on critical parts and minimize component replacement, which can translate into valuable cost savings and reduced maintenance expenditures.

"enXco's selection of our premium Mobil SHC XMP 320 gear oil for many of its GE wind turbines is just

another example of how our first-rate application expertise and lubricant technologies continue to help our customers maximize productivity and gain a competitive edge," said Brad Prickett, industrial sales engineer, Mobil Industrial Lubricants.

Recently, enXco, an EDF Energies Nouvelles Company, had 32 of its 1.5 megawatt GE turbines converted to Mobil SHC XMP 320 synthetic gear oil at their Minnesota-based Chanerambie and Viking Wind Farms. At these sites, enXco generates enough energy to power thousands of homes in the southwestern region of Minnesota.

The entire four-week conversion process was executed by ExxonMobil's exclusive service provider of Integrated Lubrication Services, COT-Puritech, with ExxonMobil Field Engineering and analytical support. A proprietary

gearbox flushing procedure, part of COT-Puritech's Wind Turbine Lubrication Services, was performed to remove existing contamination and virtually all of the residual oil from the gearbox and lube system, which remained from the previous synthetic lubricant used during original fill.

"Developed through years of experience and working closely with leading gearbox and turbine OEM's, COT-Puritech's proprietary gearbox flushing procedure was performed for enXco to help ensure optimal gearbox performance and to minimize possible compatibility issues," said George Mazzaro, market manager, COT-Puritech, Inc. ▀

For more information about Mobilgear SHC XMP 320 or any other Mobil products and services call 1-800-MOBIL25 or visit [www.mobilindustrial.com](http://www.mobilindustrial.com).