



Performance by **ExxonMobil**

Advanced solutions — exploration through transmission

# Energizing success for the oil and gas industry

Energy lives here™



With more than a century of experience in energy exploration and production, we design solutions to help you keep your equipment up and running.



# Solutions for your toughest challenges

The oil and gas industry is a tough business. Whether offshore or onshore, you frequently face extreme conditions, while unplanned downtime for maintenance and repair can undermine your operation. Don't face these challenges alone. Through our state-of-the-art lubricants, application expertise and expert technical services, we deliver customized solutions that can help you:

- Maximize the service life of machine components
- Boost equipment reliability
- Enhance energy efficiency



## Exceptional products

Our lubricants for oil and gas exploration and production machinery are formulated for the diverse range of operating environments found in your industry.



## World-class services

We complement these lubricants with application expertise and more than 20 expert technical services for the oil and gas industry to help you handle the challenges you face.



## Comprehensive solutions

These products and services harmonize in a comprehensive solution that can help your operation attain new levels of safety, environmental care and productivity.

# Products

Thoroughly tested before they are commercialized, Mobil™ industrial lubricants are well supported by extensive equipment builder approvals. They meet global quality standards and are compliant with rigorous internal management systems for manufacturing, customer service, laboratories, safety, health and the environment. Leading OEMs recognize them for consistently delivering reliable performance and optimum equipment protection. This exceptional product line includes\*:

Application	Product	Features and benefits
Gas engines	Mobil SHC Pegasus™	<ul style="list-style-type: none"> <li>▪ Potentially helps limit fuel consumption†</li> <li>▪ Long drain intervals – up to three times longer than conventional oils</li> </ul>
	Mobil Pegasus™ 1005	<ul style="list-style-type: none"> <li>▪ Long oil life helps minimize maintenance and replacement costs</li> <li>▪ Outstanding keep-clean performance</li> </ul>
Gear and circulating systems	Mobil SHC™ 600 Series	<ul style="list-style-type: none"> <li>▪ Protects equipment even at high and low temperatures</li> <li>▪ Potentially reduces power consumption up to 3.6 percent‡</li> </ul>
Grease applications	Mobilith SHC™ Series	<ul style="list-style-type: none"> <li>▪ Formulated for demanding, high-temperature applications</li> <li>▪ Resistant to rust, corrosion and wear</li> </ul>
High-temperature applications	Mobil SHC Polyrex™ Series	<ul style="list-style-type: none"> <li>▪ Outstanding high-temperature performance</li> </ul>
Gears and bearings	Mobil SHC™ Gear Series	<ul style="list-style-type: none"> <li>▪ Compared to conventional oils, can help limit energy consumption and provide longer oil life§</li> </ul>
Booster pumps and air compressors	Mobil SHC™ Rarus	<ul style="list-style-type: none"> <li>▪ Excellent wear protection and outstanding resistance to oxidation and thermal degradation</li> </ul>
Hydraulic systems	Mobil SHC™ Hydraulic EAL	<ul style="list-style-type: none"> <li>▪ Minimizes potential for environmental damage</li> <li>▪ Excellent performance in wide temperature range</li> <li>▪ Potentially improves overall hydraulic pump efficiency up to 3.6 percent**</li> </ul>
	Mobil DTE 10 Excel™ Series	<ul style="list-style-type: none"> <li>▪ Excellent hydraulic efficiency potentially helps reduce energy consumption††</li> </ul>
Gas, steam and combined-cycle gas turbines	Mobil DTE™ 700 Series Mobil DTE™ 800 Series	<ul style="list-style-type: none"> <li>▪ Zinc-free oils that meet or exceed most major turbine equipment builder specifications and industry specifications</li> <li>▪ Excellent performance under the most severe conditions</li> </ul>
Medium- and slow-speed marine engines	Mobilgard™	<ul style="list-style-type: none"> <li>▪ Long drain intervals in marine and industrial diesel engines</li> <li>▪ Excellent engine and component protection</li> </ul>
Severe on- and off-highway diesel engine applications	Mobil Delvac™	<ul style="list-style-type: none"> <li>▪ Maximizes diesel engine life</li> <li>▪ Long drain intervals</li> </ul>

\*Since equipment and operating conditions vary, please refer to the equipment builder manual for preferred lubrication recommendations.

†The fuel efficiency of Mobil SHC Pegasus™ relates solely to the fluid performance when compared with ExxonMobil's standard SAE 40 natural gas engine oils. The technology used allows up to a 1.5 percent increase in fuel efficiency compared with Mobil Pegasus™ 1005 and 805 Series when tested in standard natural gas engine applications under controlled conditions. Efficiency improvements will vary based on operating conditions. The energy efficiency claim for this product is based on test results on the use of the fluid conducted in accordance with all applicable industry standards and protocols.

‡For Mobil SHC™ 600, energy efficiency relates solely to the fluid performance when compared with conventional reference oils of the same viscosity grade in circulating and gear applications. The technology used allows up to 3.6 percent efficiency compared with the reference when tested in a worm gearbox under controlled conditions. Efficiency improvements will vary based on operating conditions and applications.

§For Mobil SHC™ Gear, energy efficiency relates solely to the fluid performance when compared with conventional (mineral) reference oils of the same viscosity grade in gear applications. The technology used allows up to 3.6 percent efficiency compared to the reference when tested in a worm gearbox under controlled conditions. Efficiency improvements will vary based on operating conditions and applications.

\*\*Energy efficiency relates solely to the fluid performance when compared to a conventional hydraulic oil. The technology used provides up to 3.6 percent efficiency compared to the reference when tested in an Eaton 25VMQ vane pump under controlled conditions. Efficiency improvements will vary based on operating conditions and application.

††For Mobil DTE 10 Excel™, energy efficiency relates solely to the fluid performance when compared with ExxonMobil's standard hydraulic fluids. The technology used allows up to 6 percent increase in hydraulic pump efficiency compared with Mobil DTE™ 20 Series when tested in standard hydraulic applications. The energy efficiency claim for this product is based on test results on the use of the fluid conducted in accordance with all applicable industry standards and protocols.

# Mobil Serv<sup>SM</sup> services

To achieve peak productivity, count on Mobil Serv<sup>SM</sup> services — a full suite of solutions designed to help you minimize unscheduled downtime, maintenance costs and equipment issues. We offer a wide range of services to cover the diverse environments and challenges of the oil and gas industry, including inspections of gears, bearings, couplings and hydraulic systems.



## Application expertise

Through Mobil Serv services, our world-class engineers deliver invaluable hands-on direction, using unsurpassed application expertise to help you achieve your goals in safety, environmental care and productivity.



## Lubricant analysis

To help you monitor lubricant and equipment condition, and avoid unscheduled breakdowns and costly repairs, we offer Mobil Serv<sup>SM</sup> Lubricant Analysis. Operators around the world use the program to detect equipment and lubricant issues before they occur, saving money on equipment repair and replacement.



# Advancing Productivity™ for the oil and gas industry

Our unsurpassed synthetic lubricants and service programs harmonize into what we call Advancing Productivity™ — critical safety, environmental care and productivity benefits that can help take your business to new heights.

## Safety

Long oil and equipment life as well as superb wear protection can help minimize maintenance and the risks associated with employee-equipment interaction, always a concern in this industry, especially in challenging areas.

## Environmental Care\*

Long oil and equipment life can help lessen waste disposal and the risk of spills.

## Productivity

Enhanced equipment availability and trouble-free operation can minimize unscheduled downtime, even in extreme conditions, to help your operation reach peak productivity.

With our deep heritage in oil and gas exploration and production, we are keenly aware of the challenges you face and the goals you strive to achieve. Discover how we can help you achieve those goals and make your business soar.

Industrial Lubricants



**Advancing  
Productivity™**

\*Visit [mobilindustrial.com](http://mobilindustrial.com) to learn how certain Mobil-branded lubricants may provide benefits to help minimize environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.



[mobilindustrial.com](http://mobilindustrial.com)

© 2015 Exxon Mobil Corporation. All rights reserved.  
All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its affiliates unless otherwise noted.

**Health and Safety**

Based on available information, these products are not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheets (MSDSs) are followed. MSDSs are available upon request through your sales contact office or via the Internet. These products should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment.