

Advanced solutions to keep your blades turning

Powering wind. Powering progress.



Mobil™

We remain committed to providing cutting-edge solutions to help power your production.



Solutions for an evolving industry

To sustain maximum power output from your turbines, you must minimize unscheduled – and costly – downtime for maintenance and repairs. And you must meet this challenge with equipment in ever more extreme conditions of temperature, load and water contamination. That's why we offer products and services designed specifically for the challenges you face in the rapidly evolving wind industry.



Exceptional products

Our lineup of Mobil™ synthetic oils and greases helps protect your critical components and enhance wind turbine availability.



World-class services

We complement these lubricants with hands-on guidance and application expertise from our skilled engineers to help you handle your toughest challenges.



Comprehensive solutions

Our state-of-the-art products and services harmonize in a complete solution that can help your operation attain new levels of safety, environmental care and productivity.

Products

To help you meet the ongoing challenges of your wind operation, our engineers work closely with equipment builders to gain insights into their requirements. Our formulators then use these insights to build outstanding lubricants that are well supported by builder approvals.

Application	Product	Features and benefits
Gear box	Mobil SHC™ Gear 320 WT Mobilgear SHC™ XMP 320	<ul style="list-style-type: none"> • Superb wear and corrosion protection • Anti-foam protection • Stable during water contamination • Reliable equipment productivity • Minimal unscheduled downtime and maintenance • Long gear, bearing and oil life
Main, pitch, yaw and generator bearings	Mobil SHC™ Grease 460 WT Mobil SHC™ Grease 102 WT Mobilith SHC™ 100	<ul style="list-style-type: none"> • Flexible component placement • Long regreasing interval helps control service cost • Exceptional high- and low-temperature performance • Extreme pressure (460) and antiwear properties • Low starting and running torque • Resistant to water contamination
Hydraulic system	Mobil SHC™ 524 Mobil DTE 10 Excel™ Series	<ul style="list-style-type: none"> • Ideal for high-pressure and tight-clearance systems • Long oil, filter and component life • Powerful antiwear protection • Highly shear stable • Wide temperature range • Resists deposit formation
Ancillary gear boxes	Mobil SHC™ 600 Series	<ul style="list-style-type: none"> • Promotes operational reliability and energy efficiency • Long oil life • High- and low-temperature capability • Resists oxidation, sludging and wear • Low traction coefficient
Open gear (diluent)	Mobilnac™ 375 NC	<ul style="list-style-type: none"> • Excellent wear protection • Low component replacement and maintenance costs • High viscosity • Protects gear teeth and machine elements
Open gear (non-diluent)	Mobilgear™ OGL 007	<ul style="list-style-type: none"> • Excellent wear protection • Low component replacement and maintenance costs • Minimizes environmental impact • Advanced, semifluid lubricant • Extreme pressure additives and graphite for heavy loads • Lead- and chlorine-free



Mobil SHC™ Gear 320 WT is supported by an industry-leading, 7-year limited warranty.



Mobil ServSM services

To achieve peak productivity, count on Mobil ServSM services — a full suite of service solutions designed to help you minimize unscheduled downtime, maintenance costs and equipment issues. These services include Wind Turbine Gearbox Flush and Fill, as well as startup and cleanliness guidance, developed specifically for the wind industry.



Application expertise

Through Mobil ServSM 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 ServSM Lubricant Analysis, which includes a program specifically tailored to wind turbine applications.



Advancing Productivity™ for wind power

A successful wind operation today is measured by more than productivity alone. You also have safety goals to achieve, and you're making efforts to minimize your environmental footprint. Our synthetic lubricants and service programs are designed to help you in these three critical areas, which we call Advancing Productivity.™

Safety

Long oil and equipment life, as well as powerful wear protection, can help minimize maintenance and the risks associated with employee-equipment interaction, always a concern on wind turbines, especially in remote and challenging areas.

Environmental Care*

Mobil ServSM Lubricant Analysis coupled with longlife lubricants can help enhance oil service intervals, which helps minimize oil disposal.

Productivity

Powerful lubricant performance, even at low and high temperatures, can help enhance power generation by promoting wind turbine availability through robust wear, rust and corrosion resistance.

*Visit mobil.ca/industrial 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.

mobil.ca/industrial

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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. EN0742BR-R2