

# Mobil™ Flush 320

Wind Turbine Gearbox Flushing Oil

Paving the way for Mobil SHC™ Gear 320 WT and Mobil SHC™ Gear 320 WindPower



Mobil™ Flush 320 is a low-cost wind turbine gear flushing oil specifically designed for flushing and removing contaminants during the oil change process and ensuring long term performance of Mobil SHC™ Gear 320 WT and Mobil SHC™ Gear 320 WindPower.

- Can be used with any incumbent wind turbine gear oil in use.
- Paves the way for Mobil SHC™ Gear 320 WT 10-year warranty and Mobil SHC™ Gear 320 WindPower lifetime oil drain capability.
- Ensures additive integrity of incoming Mobil SHC™ Gear 320 WT and Mobil SHC™ Gear 320 WindPower.

## Key benefits



Removes residual oil and contaminants from wind turbine gearbox



Optimized viscosity not compromising viscosity of final charge



Additive integrity with Mobil SHC™ Gear 320 WT and Mobil SHC™ Gear 320 WindPower

Typical properties*	Mobil™ Flush 320
Grade	ISO 320
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	29.6
Pour Point, °C, ASTM D5950	-30
Flash Point, Cleveland Open Cup, °C, ASTM D92	272
Density @ 15.6 C, g/ml, ASTM D4052	0.873
Phosphorus, mass%, ASTM D4951	390
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	335
Viscosity Index, ASTM D2270	121

\*Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [exxonmobil.com](http://exxonmobil.com). ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

# Mobil Flush™ 320

## Wind Turbine Gearbox Flushing Oil

### Product Usage

Simplified flushing procedure is as follows:

- Thoroughly drain the incumbent oil
- Clean the gearbox
- Perform a visual inspection
- Fill with Mobil™ Flush 320 up to 60% of the oil system capacity
- Run the wind turbine unloaded
- Drain the Mobil™ Flush 320 charge and inspect
- Fill with the final Mobil SHC™ Gear 320 WT charge or Mobil SHC™ Gear 320 WindPower charge

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Mobil™ Flush 320 is not designed to be a long-term gear oil replacement.  
It is meant to be used only as a flushing oil.

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For the detailed conversion protocol: visit Tech Topic [Wind Turbine Gear Oil Conversion Protocol](#)



**Advancing  
Productivity™**

### Safety

Long oil and equipment life as well as optimum wear protection can help reduce maintenance and the risks associated with employee-equipment interaction.

### Environmental Care\*

The used Mobil™ Flush 320 charge may be reused for another wind turbine gearbox if cleanliness level is acceptable.

### Productivity

Removal of residual oil and contaminants from wind turbine gearbox helps to ensure the optimum performance of Mobil SHC™ Gear 320 WT and Mobil SHC™ Gear 320 WindPower

\*Visit mobil.eu to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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