



## Mobil Xtra™ EP WT

Mobil Industrial , Australia

Synthetic Wind Turbine Gear Oil Additive Top Treat

### Product Description

Mobil Xtra™ EP WT is an additive top treat solution to boost the additives which unavoidably deplete whilst Mobil SHC™ Gear 320 WindPower is in service for such a long duration. It helps Mobil SHC™ Gear 320 WindPower achieve fill-for-life capability<sup>1</sup> by retaining its performance regarding wear protection, corrosion protection and oxidation resistance.

Phosphorus being a key element present in anti-wear additives and convenient to measure in used oil analysis, Phosphorus depletion is useful as a criterion for both top treat addition amount and frequency.

Mobil Xtra™ EP WT is a top treat from a wind industry-focused suite of top treats ExxonMobil promotes to support in-service Wind Turbine Gear Oils ease of use in the field and to optimize wind turbine uptime. Mobil Xtra™ EP WT is a concentrate of additives formulated with the same additive platform as Mobil SHC™ Gear 320 WindPower.

### Applications

Wind Turbine gearboxes operate under high stress, and in order to prolong oil life, Extreme Pressure (EP) and Anti-Wear (AW) performance are essential. Depletion of EP and AW additive is a natural mechanism that may be further accelerated due to operational malfunction.

Mobil Xtra™ EP WT was designed to be used in combination with Mobil SHC Gear 320 WindPower as an additive top treat solution, which helps the gear oil retain its performance throughout its lifetime.

Mobil SHC Gear 320 WindPower helps protect equipment and maintains excellent performance for the lifetime of the gearbox, helps provide smooth operations in virtually all typical operating conditions, and helps reduce downtime and maintenance costs\*. As a result, and thanks to a thorough accelerated oil ageing testing program, Mobil SHC Gear 320 WindPower has demonstrated fill-for-life capability and ultimately its suitability of use throughout wind turbine gearbox lifetime of 25 years as certified by DNV2 .

This performance is conditional on the addition of Mobil Xtra EP WT Top Treat along the wind turbine lifetime as identified by an appropriate Used Oil Analysis program and adequate service scheduling.

In principle, when used in combination of Mobil SHC Gear 320 WindPower, Mobil Xtra EP WT should be added whenever Phosphorus depletion exceeds 150 ppm or every 5 years, whichever occurs first.

Mobil Xtra EP WT addition dosing should be adjusted according to the observed phosphorus depletion, given that 2% addition of Mobil Xtra EP WT means ~150 ppm Phosphorus boost.

### Properties and Specifications

Property	
Grade	No ISO Grade
Density @ 15.6 C, kg/l, ASTM D4052	0.890
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	330
Flash Point, Cleveland Open Cup, °C, ASTM D92	>210

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

01-2026

Mobil Oil Australia Pty Ltd

664 Collins Street,

Docklands, Victoria, 3008,  
Australia  
1800 105 961 or +61 3 9261 0000  
<http://www.exxonmobil.com>

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 [www.exxonmobil.com](http://www.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.

**ExxonMobil**

Exxon Mobil 

© Copyright 2003-2026 Exxon Mobil Corporation. All  
Rights Reserved