



WTO 320 Wind Turbine Oil

Airable WTO 320 is a high-performance, environmentally responsible wind turbine gearbox oil engineered to meet the demanding lubrication requirements of modern wind turbines. Formulated with a high bio-content base oil and advanced additive technology, Airable WTO 320 delivers excellent load-carrying capability, oxidation resistance, and corrosion protection while supporting sustainability objectives. Airable WTO 320 significantly exceeds common bio-content targets while maintaining the performance levels required for wind turbine service, making it an ideal solution for operators seeking lower environmental impact without compromising reliability.

TYPICAL PROPERTIES

Bio-Content	91%
Kinematic Viscosity @ 40°C	302cSt
Kinematic Viscosity @ 100°C	37.7cSt
Pour Point	<-20°C
Weld Load (D2783)	250 kg
Flash Point	>240°C
Oxidation Onset Temperature (E2009C)	>240°C
Corrosion Resistance (D665B)	Pass

KEY ATTRIBUTES

- Meets USDA biobased preferred status
- Excellent extreme pressure (EP) performance
- Strong oxidation resistance for extended oil life
- Effective corrosion and rust protection
- Comparable performance to premium synthetic ISO VG 320 turbine oils

APPLICATIONS

For systems that require ISO VG 320 viscosity with enhanced sustainability benefits:

- Wind turbine main gearboxes
- Auxiliary turbine gear systems
- Industrial gear applications