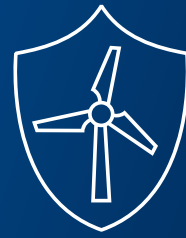


TurbineGuard

Reliability you can plan.



**Holistic
Solution**



**Higher
Availability**



**Longer Oil and
Component Life**



**Predictable
Operations**



Less Waste



**Lower Total
Cost of
Ownership**

TurbineGuard is the modular FUCHS Smart Services program for on- and offshore wind turbines that combines lubricant excellence, condition monitoring, and AI-powered predictions.

Moving beyond the delivery of lubricants, FUCHS Smart Services extend our solutions with a wide range of services and a comprehensive digital ecosystem. Their digital centerpiece is Lubelink, a web based data collection and analysis suite.

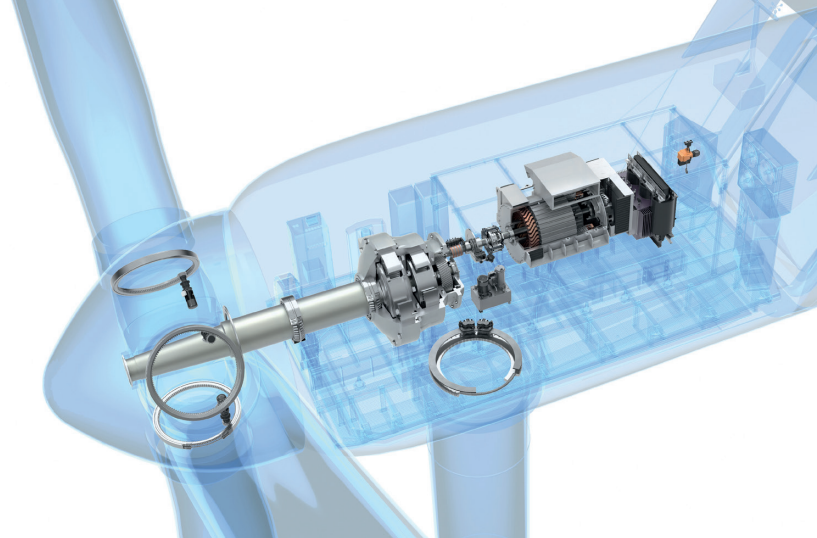
**FUCHS
SOLUTIONS**



HOLISTIC SOLUTIONS

Services across all turbine lubricant applications

- Chain hoist
- Generator bearing
- Sliprings
- Toothings
- Clutch
- Yaw bearing
- Main bearing
- Pitch bearing
- Pitch gear
- Main gearbox
- Hydraulic system
- Yaw gear
- Yaw brake
- Transformer



DIGITAL TWIN AND AI-POWERED PREDICTION

Collect data about
current conditions
to see changes and trends

Use information / knowledge
to decide on necessary activities
to keep oil in best condition

Use knowledge to improve
predictions, limits,
lubrication products

MODULAR OFFERING

Package	Modules
TurbineGuard – Core	Assess, LubeCare
TurbineGuard – Plus	Core + LubeLink
TurbineGuard – Pro	Plus + Sense & Predict
TurbineGuard – Elite	Pro + Automate
Academy	Training Programs & Advisory Services

*Packages can be booked
for single lubrication points
or the entire turbine.*

Modules

Assess

Baseline analysis, Digital Twin generation, Storage improvement

LubeCare

Routine Oil Analysis (ALERT), Oil & grease lifecycle management
(top-ups, changes, flushing, filtration, breather systems, lubrication system optimization)

Sense & Predict

OilAnalyzer for oil condition, AI-based anomaly detection,
Remaining Useful Life (RUL) predictions

Automate

Automated grease application

Academy

Training for operators and technicians

**Let's Start the Journey.
Together.**

[> Take me to my local contact](#)



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