

WINDCARE CASE: Competitive on a Low Cost Market

Ocean Team Windcare performs onshore gearbox oil change – in China

Previously using 20 ltr. containers to change the, approximately, 500 ltrs of gear oil in a wind turbine generator includes heavy manual work and risk of spill to the environment.

Competitive Solution to Oil Change

The SOCOT® principle was developed by Jens Peder Thomsen, co-owner and MD of OTW, in the 1990'ies, as an answer to a customer demand for a safer and more efficient oil conversion on offshore WTG's.

Today, Ocean Team Windcare operates the SOCOTFlex®, a phase II development, and a significantly more competitive solution to oil change compared to 20 ltr. containers. – Even in low wage markets. Ocean Team Windcare changes oil on 1 WTG every 4 hours.



▲ Gear oil change on Huitengxile site

Pioneering

Ocean Team Windcare hereby celebrates the convincing commercialization of oil change with the SOCOTFlex® unit, its obvious competitiveness, and the unit's international breakthrough beyond the North Sea wind energy production: The inner Mongolia.



▲ Hoisting in a GE WTG on site



▲ Transport of the OTW SOCOTFlex® unit



FACTS

Windfarm: Inner Mongolia Huitengxile Wind Farm
Operator: Beijing Jingneng New Energy Co. Ltd.
Number of turbines: 154 in total
Turbine type: GE 1.5 SLE
Distance from shore: on shore