



TURBWAY SE GT

Energy-efficient turbine oil

Product description

TURBWAY SE GT is a high-performance, energy-efficient turbine oil, primarily intended for use in steam and gas turbines. The product has been specially developed to withstand high temperatures, to reduce energy losses and to have a cleaning effect.

Application areas

TURBWAY SE GT is recommended for modern steam and gas turbines with very high operating temperatures. The product is also suitable for systems with combined steam and gas turbines, i.e. Combined Cycle Gas Turbines (CCGT) as well as in Integrated Gasification Combined Cycle (IGCC) plants using syngas to drive the turbine. TURBWAY SE GT is also suitable for marine turbines and the lubrication of turbo compressors on offshore platforms. The product's wide area of use means that the number of products in stock can be reduced.

Characteristics and advantages

TURBWAY SE GT is based on specially selected, saturated synthetic esters and additives to provide optimum friction characteristics, good solubility and high conductivity, which reduce the risk of varnish formation. The product has high thermal stability, very good oxidation stability and gives good protection against wear and corrosion. The product also has a good load-carrying capacity, which is often necessary in marine applications when reversing turbine operation. The properties of TURBWAY SE GT increase the oil's service life in the system, as well as reducing the risk of downtime and maintenance costs. When switching to the use of TURBWAY SE GT energy losses will be lower, leading to significant financial benefits for a facility.

Tests and approvals

TURBWAY SE GT meets or exceeds the requirements set out in all the major OEM specifications, Meets the demands according to Siemens MAT 812101, GEK 107395A and Alstrom HTDG 90117V0001S

Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on www.statoillubricants.com or supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	934	kg/m ³	ISO 12185
Flash point COC	244	°C	ISO 2592
Pour point	-63	°C	ISO 3016
Viscosity at 40°C	32.1	mm ² /s	ISO 3104
Viscosity at 100°C	6.27	mm ² /s	ISO 3104
Viscosity index	150	-	ISO 2909

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