

# EXSYM Turbine Oil 100

Universal mineral turbine oil

NS-TRB-4168

*Turbine oils*

## Product Description and Benefits

An universal mineral turbine oil, based on specially selected solvent-refined base oils. Under addition of additives and special "metal deactivators" the following properties are obtained:

- excellent stability against oxidation even at very high temperatures
- a very good protection against corrosion of ferroand non-ferro metals
- very good demulsification properties
- very good de-aerating properties
- very good foam suppressing properties
- a high and stable viscosity index

## Application

This turbine oil has been specially formulated to satisfy the demanding requirements of modern high output steam turbines, including gear units. This oil is also recommended for industrial-type gas turbines. In addition to turbine applications, this oil may also be used to lubricate hydraulic systems, compressors, high-speed gears, certain oil-lubricated bearings and other applications requiring high quality rust and oxidation inhibited oils which separate readily from water.

**EXSYM Turbine Oil 100 meets the following performance specifications:**

BS 489: 1999, DIN 51515-1 L-TD, Siemens TLV 9013 04

## Typical Analysis

Property	Unit	Typical Value
Density at 15°C	kg/l	0,883
Viscosity 40 °C	mm <sup>2</sup> /s	100,00
Viscosity 100 °C	mm <sup>2</sup> /s	11,13
Viscosity Index		96
Flash Point COC	°C	240
Pour Point	°C	-20
Acid number	mgKOH/g	0,15

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. EXSYM check oil level design is trade mark of EXSYM MOBIL LTD. or one of it's subsidiaries. More information available: