

Turbine Oil 100

Description

A 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 ferro- and non-ferro metals
- very good demulsification properties
- very good de-aerating properties
- very good foam suppressing properties
- 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.

Specifications

Performance level:

- BS 489: 1999
- DIN 515151- L-TD
- Siemens TLV 9013 04

Typicals

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|--------------------------------------|--------|
| Density at 15 °C, kg/l | 0,868 |
| Viscosity 40 °C, mm ² /s | 100,00 |
| Viscosity 100 °C, mm ² /s | 11,13 |
| Viscosity Index | 96 |
| Flash Point COC, °C | 240 |
| Pour Point, °C | -21 |
| Acid number, mgKOH/g | 0,15 |