



# Specification Data Sheet SDS

## SYNT 46 ISO TURBINE OIL

Our turbine high-performance lubricants designated for gas, steam, and combined-cycle turbines. Offering exceptional oxidation resistance, low-temperature fluidity, excellent response at a wide range of temperatures; ensuring long service life, reduced deposits, and excellent anti-wear protection for critical industrial turbine equipment.

### Applications

- Gas operated turbines
- Steam turbines
- Turbo compressors
- Circulating systems requiring high temperature functionality

### Features

- Exceptional thermal stability
- Deposit control formulation
- Excellent rust and corrosion control
- Optimal viscosity at different temperatures
- Cold start protection

### Typical Characteristics

Test	Method	Unit	Average results
Specific gravity	ASTM D4052		0.84
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	42.0
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	7.5
Viscosity index	ASTM D2270		146
Ignition point		°C	277
Flash Point COC	ASTM D92	°C	260
Four Ball Wear	ASTM D4172	mm	0.40

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

