



## RAVENOL Turbinenöl T 46



ART.-NR. 1330355

[Transla [Translate to  
te to EnEnglish:]  
glisch:] |  
208 L | 1330355-208  
1000 L | 1330355-700

**SPECIFICATIONS** DIN 51515 TEIL 1 (L-TD), TEIL 2 (L-TG) | ISO 6743/0  
**FABRICATION** MINERAL

**RECOMMENDATIONS** BRITISH STANDARD BS 489 | CEGB STANDARD 207001 | GENERAL ELECTRIC GEK 32568 A | GENERAL ELECTRIC GEK 32568 C | MIL-L-17672 D | SIEMENS TLV 9013 04 | SIEMENS TLV 9013 01 | ALSTOM HTGD 90117 V0001 S | BROWN BOVERI HTGD 90117 | U.S. STEEL 120 | WESTINGHOUSE ELECTRIC CORP. TURBINE OIL SPEC.

**RAVENOL Turbinenöl T 46** is produced for the lubrication of gas and steam turbines as well as turbo compressors with and without transmission according to the specifications of DIN 51 515-2.

**RAVENOL Turbinenöl T 46** is based on high quality mineral base oils with agents to increase the corrosion protection and aging resistance.

**RAVENOL Turbinenöl T 46** is a universal mineral oil for turbines of especially chosen refined base oils with a natural high viscosity index. So-called "metal deactivators" are added to the turbine oil in addition to the normal additives in order to guarantee the excellent characteristics.

## Application Notes

**RAVENOL Turbinenöl T 46** is used in fixed gas and steam turbines as well as electrical machines or machines driven by steam turbines like generators, compressors, pumps and transmissions.

**RAVENOL Turbinenöl T 46** can also be used for the lubrication of hydraulic systems, compressors, gear transfers and bearings in case of problems of the contamination with water because a high protection against rust and oxidation is requested.

## Characteristics

**RAVENOL Turbinenöl T 46** offers:

- an excellent thermic and oxidative stability
- an excellent viscosity temperature behaviour
- a high and stable viscosity index
- a very good oxidation stability also at very high temperatures
- a good protection against corrosion of Ferro and non Ferro metals
- an excellent water separation behaviour
- a very good air separation behaviour which excludes foam formation as far as possible
- a low pourpoint
- a good corrosion behaviour
- an excellent water separation behaviour / demulsifying behaviour



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	840,0	EN ISO 12185
Colour		gelb	visual
Viscosity at 100°C	mm <sup>2</sup> /s	7,6	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	46,2	DIN 51 562
Viscosity index VI		131	DIN ISO 2909
Pourpoint	°C	-33	DIN ISO 3016

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

Release: : 20. January 2020