



20L | 1331115-020
60L | 1331115-060
208L | 1331115-208

RAVENOL Turbo Oil T46

Kategorie: Industrial oil

Artikelnummer: 1331115

Viscosity: 46

Specification: DIN 51515-1 L-TD, DIN 51515-2 L-TG

Oil type: Mineral

Approvals: Siemens TLV 901304, Siemens TLV 901305

Recommendation: Alstom HTGD 90117 V0001 S, British Standard BS 489, Brown Boveri HTGD 90117, CEGB Standard 207001, General Electric GEK 46568 A, General Electric GEK 46568 C, MIL-L-17672 D, US Steel 120, Westinghouse Electric Corp. Turbine Oil Spec.

Application: Industry

RAVENOL Turbo Oil T46 is a high quality lubricating oil for gas and steam turbines as well as for turbo compressors with and without gears, which meets the requirements of DIN 51515-2.

RAVENOL Turbo Oil T46 is based on high quality base oils with additives to improve the corrosion protection and resistance to aging.

RAVENOL Turbo Oil T46 is an all-purpose oil for turbines from specially selected base oils with the addition of special refined additives.

RAVENOL Turbo Oil T46 is zinc-free due to its formulation.

Application Note

RAVENOL Turbo Oil T4

is used in stationary gas turbines, steam turbines and also in electrical or in driven by steam machines, such as generators, compressors, pumps and gearboxes.

RAVENOL Turbo Oil T4

is also for use in lubrication of hydraulic systems, compressors, gear transmissions and bearings.

Characteristics

- Excellent thermal and oxidative stability
- Excellent viscosity-temperature behavior
- Very good oxidation stability
- Good protection against corrosion of steel and non-ferrous metals
- A very good air separation ability, which largely eliminates foam formation
- Low pour point
- Good wear behavior
- Excellent water separation ability/demulsification behavior

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Colour		L1.0	DIN ISO 2049
Purity grade		20/17/12	ISO 4406
Residual foam after 600 s at 25 °C	ml	0	ISO 6247
FZG Pass Load Stage		10	DIN ISO 14635-1
Foam Volume at 25 °C	ml	0	ISO 6247
Time to collapse of the foam at 25 °C	s	0	ISO 6247
Viscosity at 40 °C	mm²/s	46,1	DIN 51562-1
Water Separability	s	75	DIN 51589-1
Water content	%		DIN 51777-1
Density at 20 °C	kg/m³	840,0	EN ISO 12185
Flashpoint	°C	274	DIN EN ISO 2592
Copper strip corrosion		pass	DIN EN ISO 2160
Air release at 50 °C, max.	min	5	DIN ISO 9120
NZ Neutralisation number	mg KOH/g	0,06	DIN 51558-1
Pourpoint	°C		DIN ISO 3016

All indicated data are approximate values and are subject to the commercial fluctuations.