



Тел.: +996 555771513,  
email: info@ravenol.kg

## **RAVENOL Turbinenöl T 32**

**RAVENOL Turbinenöl T 32** 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 32** is based on high quality mineral base oils with agents to increase the corrosion protection and aging resistance.

### **Application Notes**

**RAVENOL Turbinenöl T 32** is used in fixed gas and steam turbines as well as in electrical machines or machines driven by steam turbines like generators, compressors, pumps and transmissions.

**RAVENOL Turbinenöl T 32** 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.

### **Quality Classifications**

**RAVENOL Turbinenöl T 32** is tried and tested for aggregates specifying:

#### **Specifications**

BS 489: 1999, DIN 51515 (L-TD), Siemens TLV 9013 04, General Electric GEK 46506D, Alsthom HTGD 90117

### **Characteristic**

**RAVENOL Turbinenöl T 32** 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 pour point
- a good corrosion behaviour
- an excellent water separation behaviour / demulsifying behaviour

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Characteristics	Unit	Data	Audit
Colour		gelb	visual
Density at 20°C	kg/m <sup>3</sup>	873	EN ISO 12185
Viscosity at 40°C	mm <sup>2</sup> /s	32	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	5,4	DIN 51 562
Viscosity index VI		98	DIN ISO 2909
Flash point (COC)	°C	204	DIN ISO 2592
Pourpoint	°C	-30	DIN ISO 3016
Acid number	mg KOH/g	0,15	DIN EN 12634

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