RAVENOL Turbinenöl T 68

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SPECIFICATIONS DIN 51515 (L-TD) |ISO 6743/0
RECOMMENDATIONS BRITISH STANDARD BS 489: 1999 | SIEMENS TLV 9013 04 | ALSTOM HTGD 90117

RAVENOL Turbinenöl T 68 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 68 is based on high quality mineral base oils with agents to increase the corrosion
protection and aging resistance.
RAVENOL Turbinenöl T 68 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 68 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 68 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 proctection against rust and oxidation is requested.

Characteristics

RAVENOL Turbinenöl T 68 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

Property	Unit	Data	Audit
Density at 20°C	kg/m³	867,0	EN ISO 12185
Viscosity at 100°C	mm²/s	8,6	DIN 51 562
Viscosity at 40°C	mm²/s	68,0	DIN 51 562
Viscosity index VI		98	DIN ISO 2909
Pourpoint	°C	-24	DIN ISO 3016
Flash point (COC)	°C	220	DIN ISO 2592

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.

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