



# swd Turbinol LTD

## ISO VG 32, 46, 68 und 100

### Turbine Oil

### Discription and Properties

**swd Turbinol LTD** - oils are produced on base of highly refined base oils and special base oils from the synthesis technology. Selected additives for the increasing of the oxidation stability and protection against corrosion assure maximum efficiency of the lubricant and best compatibility with all components of the oil system.

**swd Turbinol LTD** - turbine oils grant following benefits:

- fast demulsibility
- good air release properties
- very good water separation properties
- excellent thermal and oxidative stability
- assured corrosion protection
- very good filtrability

### Application

**swd Turbinol LTD** - turbine oils particularly are used for the lubrication and cooling of the bearings as well as power transmission medium in control units of steam- and water-turbines and of turbo compressors. Furthermore the oils is excellently suited for the circular lubrication, for bearing and gear lubrication and for hydraulics, in case wear protection or EP additives are not recommended.

### Qualification

- ◆ DIN 51 506 VC-L
- ◆ DIN 51 515 Teil 1
- ◆ DIN 51 524 Teil 1
- ◆ Denison HF-1
- ◆ Cincinnati Milacron P-38, -55, -54
- ◆ ASTM D4304, Typ 1

### Typical Values

swd Turbinol LTD	unit	value				method/ specification
		32	46	68	100	
ISO-VG class		32	46	68	100	
Density at 15°C	kg/m <sup>3</sup>	863	868	871	885	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	32	46	68	100	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	5,4	6,9	9,0	11,2	DIN 51 562
Pourpoint	°C	-24	-21	-21	-15	DIN ISO 3016
Flash Point	°C	210	220	225	228	DIN ISO 2592
Air Release	minutes	3	4	5	10	DIN 51 381
Demulsibility	minutes	18	18	21	24	DIN 51 599
Steel Corrosion	code	0-A	0-A	0-A	0-A	DIN 51 585
<b>Article-No. :</b>		<b>35832</b>	<b>35846</b>	<b>35868</b>	<b>35890</b>	

Specification variations in these characteristics may occur.  
The instructions of manufacturer must be regarded.  
Further informations to be available by MSDS.

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