

SRS Wiolan GT



Turbine Oils

January 2023

Characteristics

SRS Wiolan GT gas turbine oils are manufactured on a basis of highly solvent refined, hydrogenated technical white oils. Their out-standing properties are the exceptional thermal and oxidation stability, very good air release properties, low foaming tendency and excellent corrosion protection. The well-balanced combination of additives allows SRS Wiolan GT turbine oils to meet all requirements from manufacturers of steam and gas turbines and turbo-compressors with substantial reserves.

Application

SRS Wiolan GT turbine oils are specially developed for the operation of highly loaded industrial gas turbines and turbo compressors with connected gears and common oil circuit. Selected additives ensure maximum oil retention times even at unfavourable oxidative and thermal conditions. SRS Wiolan GT oils are also used for lubrication in transmissions as well as in hydraulic and recirculating systems in cases where the manufacturer has specified turbine oils properties.

Performance / Specifications

SRS Wiolan GT turbine oils meet the requirements:

- DIN 51 515 Teil 1 L-TD
- DIN 51 515 Teil 2 L-TG
- DIN 51 524 Teil 1 HL
- ISO 8068 L-TSA
- ISO 8068 L-TGA
- ISO 8068 L-TGB
- ISO 8068 L-TGSB

Recommendations

- Siemens TLV 90 13 04
- ABB HTGD 90117
- ABB-Stal-VTI 3200-3, 9812108
- BS 489
- MIL-L-17672-D
- MIL-L-17331-G
- MIL-L-17331-B
- AFNOR E-48600 HL
- Solar ES9-224U
- Mitsubishi Heavy Industries E00-87182
- MAN Turbomaschinen
- GE GEK 28143A
- GE GEK 32568H
- GE GEK 107395A
- GE GEK 46506D
- US Steel 120
- CEEB Standard 207001
- Cincinnati Machine P-38 (32), P-45, P-54 (68), P-55 (46)

SRS Wiolan GT oils are products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Wiolan			
		GT 32	GT 46	GT 68	
Designation	DIN 51 502	L-TD/L-TG	L-TD/L-TG	L-TD/L-TG	
Density at 15°C	g/cm ³	DIN 51 757	0.865	0.870	0.873
Kin. Viscosity at 40°C	mm ² /s	DIN EN ISO 3104	32.2	45.9	68
Kin. Viscosity at 100°C	mm ² /s	DIN EN ISO 3104	5.4	6.7	8.6
Flash Point COC	°C	DIN EN ISO 2592	216	240	256
Pour Point	°C	DIN ISO 3016	-6	-12	-9
Neutralization Number	mgKOH/g	DIN ISO 6618	0.04	0.04	0.04
Air Release Properties at 50°C	min	DIN ISO 9120	4	4	4
Water Separation Ability	s	DIN 51 389	40	70	50

The above values may vary within the commercial limits.

Made in Germany