

SRS Wiolan FT



Turbine Oils

January 2013

Characteristics

SRS Wiolan FT turbine oils are manufactured from highly solvent refined and hydrogenated white oils with outstanding exceptional thermal and oxidation stability, very good air release properties, low foaming tendency and excellent corrosion protection.

SRS Wiolan FT turbine oils are blended with adapted, well- balanced additives against friction and wear.

Application

SRS Wiolan FT turbine oils are specially developed for the operation of highly loaded industrial gas turbines and turbo compressors with associated gears and a common oil circuit. The selected additive combination guaranties a maximum oil life even at unfavourable oxidative and thermal conditions.

SRS Wiolan FT oils are also used for lubrication in transmissions as well as in hydraulic and circulating systems in cases where the manufacturer has specified turbine oils properties.

Performance / Specifications

- DIN 51 515 part 1 L-TDP
- DIN 51 515 part 2 L-TGP
- ISO 8068:
 - L-TSE
 - L-TGE
 - L-TGF
 - L-TGSE

Approvals / Recommendations

- ABB/Alstom HTGD 90117
- General Electric GEK 28143
- General Electric GEK 32568
- General Electric GEK 101941
- General Electric GEK 107395a
- Siemens TLV 90 13 04
- MAN Turbo machines

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

Typical Data	Test Method	SRS Wiolan	
		FT 46	FT 68
Designation	DIN 51 502	L-TD/L-TG	L-TD/L-TG
Density at 15°C	g/cm ³ DIN 51 757	0.872	0.870
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	45	68
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	6.6	8.6
Flash Point COC	°C DIN ISO 2592	220	220
Pour Point	°C DIN ISO 3016	-9	-9
Neutralization Number	mgKOH/g DIN 51 558	0.1	0.1
Air Release Property at 50°C	min DIN 51 381	3	4
FZG-Test A/8. 3/90	Fail Stage DIN ISO 14635	10	10
RPVOT	min ASTM D 2272	1,400	1,400

The above values may vary within the commercial limits.

Made in Germany