Tarmond Vortex

SYNTHETIC TURBINE OILS

Product Description:

Tarmond Vortex are turbine oils developed with synthetic base oil technology to deliver maximum reliability in steam, gas and hydroelectric turbines. The range offers outstanding oxidation resistance and exceptional thermal stability. Its low friction coefficient enables cooler operation, minimal deposit formation and extended oil life. Excellent water separation prevents corrosion and reliably protects bearings, ensuring continuous and stable performance in power plants, turbo-compressors and all high-speed rotating equipment.

Applications:

Circulating oil systems; such as turbines, pumps, compressors, and similar equipments.

Meets the Specifications:

DIN 51515-1 TD, DIN 51517-2 TG; ISO 8068-TSA/TSE/TGA/TGB/TGE/TGSB/TGSE; Siemens TLV 9013-04/05; Siemens Westinghouse 21T0591 & 55125Z3; British Standard BS 489; General Electric GEK 101941; GEK 28143; GEK 107395A; GEK 32568 A/C/F/H; GEK 46506E; GM LS2; MIL-L-17672 D; CEGB 207001; US Steel 120; Mitsubishi Heavy Industries E00-87182; Solar ES9-224W; ASTM D4304 Type I/II/III; Alstom HTGD 90117; Ansi/Agma 9005-E02; AIST 120; VDMA 24568

Please check your owner's manual for the manufacturer's recommended oil viscosity grade and API classification and approvals.

Technical Data:

Tarmond Vortex	**Test Method**			
ISO VG		**32**	**46**	**68**
Density at 15 °C, gr/cm³	ASTM D 1298	0.850	0.850	0.855
Viscosity at 40 °C, cSt	ASTM D 445	32	46	68
Viscosity at 100 °C, cSt	ASTM D 445	5.45	6.9	8.95
Viscosity Index	ASTM D 2270	105	105	105
Flash Point, °C	ASTM D 92	215	220	240
Pour Point, °C	ASTM D 97	-33	-27	-24
TAN mg, KOH/gr	ASTM D 974	0.1	0.1	0.1
Demulsibility, mn	ASTM D1401	15	15	20
Copper Corrosion, 3h, 100 °C	ASTM D 130	1a	1a	1a

Above values are the typical values of the products and may vary with each batch.