Turbine Oil A

Gas, steam and water turbine oil

Description
Turbine Oil A oils are premium quality anti wear turbine oils manufactured from highly refined, hydro treated base oils and ashless additives with outstanding oxidation stability and corrosion protection along with anti-foam additives.

Turbine Oil A is approved by SIEMENS TLV 901304.

Applications
Turbine Oil A oils are recommended for the lubrication of hydraulic, steam and Gas turbines with turbo gear sets. Can be used as circulating Oils (R & O type) as per DIN 51514 Part 1 (HL) ; DIN 51517 Part 2 (CL) and Cincinnati Milacron P 38, P 55, P 54, P 57, & P 62. Also recommended for compressor applications as per DIN 51506 VBL, VCL and VDL

Benefits
- Good demulsification properties
- Enhanced service life
- Better rust and corrosion protection properties
- Better ability to release entrained air
- Enhanced with anti wear protection for turbo sets

Performance level
- SIEMENS TLV 901304
- DIN 51515, p.1(L-TD), p.2 (L-TG); Siemens TLV 9013 04
- BS 489; GEK 32568 A/C; MIL-L-17672 D; CEGB 207001
- Brown Boveri HTGD 90117 Alstom HTGD 90 117 V0001 S
- US Steel 120; Westinghouse Electric Corp. Turbine Oil Spec
- Meets Solar ES 9-224 Class I specifications

Typical performance data

	Test method	A 32	A 46	A 68
Density @ 15°C, kg/m³	ASTM D-4052	859	864	866
Viscosity @ 40°C, cSt	ASTM D-445	32.5	46	68
Viscosity @ 100°C, cSt	ASTM D-445	5.6	6.8	9.5
Viscosity Index	ASTM D-2270	111	104	108
Flash point , °C	ASTM D-92	>201	>213	>213
Pour point, °C	ASTM D-97	-30	-27	-27
TAN, mg KOH/g	ASTM D-664	0.1	0.1	0.1
Copper Corrosion	ASTM D-130	1b	1b	1b
Air release value @ 50 °C, min	ASTM D-3427	<4:00	Pass	Pass
Water separability @ 54°C	ASTM D-1401	Pass	Pass	Pass
Oil Stability Test (TOST), hours	ASTM D-943	>6.000	>10.000	>10.000
FGZ, Fail Load Stage	DIN 51534-2	-	10	10