



BEHRAN TURBINE OILS

Approved by Alstom, Ansaldo Energia and Siemens

USES

Turbines are critical pieces of equipment and their lubrication calls for only the highest quality products. Behran Turbine oils are premium quality products, formulated for use in gas, steam and water turbines. The lubricants requirements for water turbines and steam turbines are very similar since the oils are subjected to similar conditions and are required to serve the same functions, to lubricate, cool, protect against corrosion and be suitable for use in hydraulic systems. In addition they need to have good fluidity at low temperatures to allow proper

circulation at the low bearing start temperatures.

Behran Turbine oils are used in circulating systems, antifriction bearings, enclosed gears, hydraulic systems, compressor crankcases and many other applications calling for extended service lubrication in industrial equipment, When following performance levels are recommended by manufacturers.

- Behran Turbine oil are approved by OEMS and are widely used in power generation plants in Iran, Iraq, Syria, Tajikistan.

TYPICAL CHARACTERISTICS

Specification	Test Method	32	46	68	100	150	Sp1- 32	Sp1- 46
Viscosity @ 40 °C (cSt)	ASTM D-445	32	46	68	100	150	32	46
Viscosity @ 100 °C (cSt)		5.5	7	8.5	11	14	5	7
Viscosity Index	ASTM D-2270	99	98	95	95	95	104	104
Density @ 15 °C Kg/m ³	ASTM D-4052	868	870	875	882	888	865	870
Pour Point (max) °C	ASTM D-97	-12	-9	-9	-9	-9	-30	-30
Flash Point (min) °C	ASTM D-92	206	220	232	244	250	204	218

Behran Turbine Oil Sp1 has good performance in Low Temperature and can be used in gas, water and steam turbines and gas turbo compressors. behran turbine oil SP1 meet the requirements of general electric GEK-32568C and German standards DIN 51515. Also Behran Turbine oil EP in ISO viscosity grade 32, 46 which meet the requirements of siemens TLV 901304, General Electric GEK- 32568C, Alstom HTGT 90117 are available .

