



Technical Data Sheet

- Reliable Protection
- Industrial Applications

UPSOL TURBINE OIL 32, 46, 68, 100

Turbine Oil

ISO VG 32, 46, 68, 100

TURBINE OIL Series is a superior quality product formulated from high refined base oil hydrocracked and premium rust and oxidation inhibitor package with anti-wear / EP additive which is recommended as the lubricant of choice for steam and water turbines and many gas turbines which require superior mineral lubricant. UPSOL TURBINE OIL Series can also be recommended for use in machine tools, vacuum pumps, air compressors, hydraulic systems, bearings (plain and antifricition), etc. which do not require anti-wear nature and extreme pressure.

TYPICAL CHARACTERISTICS					
PROPERTIES	METHOD	T 32	T 46	T 68	T 100
ISO Viscosity Grade		32	46	68	100
Density at 15°C, kg/l	ASTM D - 4052	0.8568	0.8665	0.8786	0.8742
Kinematic Viscosity at 40°C, cSt	ASTM D - 445	32.07	46.64	68.29	94.50
100°C, cSt		5.74	7.10	8.93	11.11
Viscosity Index	ASTM D - 2270	121	111	104	102
Flash Point, °C	ASTM D - 92	121	121	234	234
Pour Point, °C	ASTM D - 5950	-12	-12	-12	-12

APPLICATIONS

UPSOL TURBINE OIL Series are recommended as the lubricants for steam, water turbines, and many gas turbines which require superior mineral lubricant. It is recommended for use in machinery tools, vacuum pumps, air compressors, hydraulic systems, bearings (plain and anti-friction), etc. which require anti-wear properties.

PERFORMANCE LEVELS

German Standard DIN 51515, British Standard BS489:1983, US Military MIL-L 17672D, Solar Turbin ES 9-224, Alsthom NBA P 5000 1A, Alstom HTGD 90 117 V0001 S, General Electric GEK 32568 F, General Elektrik GEK 101941A, ABB.

