



Kixx Turbine

High Performance Turbine Oil

ISO VG 32, 46, 68, 100, SIEMENS, ALSTOM

DESCRIPTION

Kixx Turbine is a premium quality inhibited turbine oil. It contains highly effective rust, oxidation and foam inhibitors and it is formulated to have good air release properties and good oxidation stability.

APPLICATIONS

- Steam and hydraulic turbines operating under all service conditions
- Centrifugal, rotary and reciprocating compressors, turbo-blowers and centrifugal pumps, requiring a rust and oxidation inhibited oil (not recommended for use in breathing air compressors)
- Hydroelectric turbines
- Other applications where high quality rust and oxidation inhibited oils are required.

PERFORMANCE STANDARDS

- Siemens TLV 9013 04/05 approved
- Alstom HTGD 90117 approved
- Meets the requirements of major turbine builders including GE, Westinghouse, ABB

CUSTOMER BENEFITS

Long service life assured by outstanding resistance

Excellent thermal and oxidation Stability
Excellent Filterability even in the presence of water and non turbine oil contaminants such as hydraulic oils.

Maintains high power output by resisting air entrainment in oil circulation

Allows easy removal of water

Robust demulsibility control such that excess water, which is commonplace in steam turbines, can be drained easily from the lubrication system, minimizing corrosion and premature wear.

Protects against rust and corrosion

Prevents the formation of rust and guards against the onset of corrosion ensuring the protection of the equipment following exposure to humidity or water during operation and during shut down.

Allows one oil to be used for both turbine and non-turbine application

KEY PROPERTIES

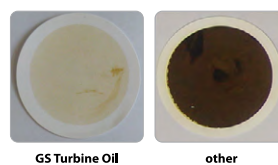
ISO VG	32	46	68	100
Density, kg/L @15°C	0.843	0.850	0.858	0.868
Kinematic Viscosity, mm ² /s @ 40°C	32.1	45.7	66.9	101.8
Kinematic Viscosity, mm ² /s @ 100°C	5.9	7.4	9.3	11.9
Viscosity Index	127	124	116	106
Pour Point °C	-24	-21	-18	-18
Flash Point °C	218	240	246	258
Air Release, min	1.9	2.6	3.2	3.9
Copper Corrosion, 100°C/3hr	1a	1a	1a	1a
Rust Prevention @ Proc B	Pass	Pass	Pass	Pass
Package (Liters)	20,200	20,200	20,200	200

UNIQUE FEATURES

- Formulation using Group III base Oil (for VG 32 and 46 products) provides excellent thermal stability.
- Outstanding oxidation stability compared with other turbine Oil ensures longer fluid life.

Excellent Thermal Stability

GS Turbine Oil produce less sludge than other products (test under 150°C, 168 hrs)



Longer service life

RPVOT Test Result (min @ 150°C)

