

TURBINE OIL

PRODUCT DESCRIPTION

TURBINE OIL is formulated with high viscosity index base oils and selected ashless additives to provide outstanding performance and protection in turbines. It has outstanding oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life. It has high-load carrying capacity and excellent affinity for metal surfaces to protect against wear. It has natural detergency for improved cleanliness; the oils have good oxidation control, anti rust & corrosion and anti wear properties and excellent hydraulic stability and anti foaming characteristics. It also has excellent low temperature properties for use over a wide temperature range.

APPLICATIONS

- Recommended for use for power generation steam turbines.
- Recommended for use for Marine & Industrial steam turbines.
- Recommended for use for s team turbines and non-g geared gas turbines.
- Applications requiring high quality rust and oxidation (R&O) inhibited oils.

FEATURES & BENEFITS

- Exceptional oxidation stability for long service life at elevated temperatures. Formulated with premium base oil technology and an ashless, zincfree formulation.
- Rust and corrosion protection & Rapid water separation keeps water in oil to a minimum.
- High viscosity index helps ensure minimum viscosity change when variations in temperature occur.
- Minimum foam helps prevent sump overflow or erratic governor operation.
- Fast air release minimizes possibility of pump cavitations in systems with high circulation rates and small reservoirs. Exceptional thermal stability minimizes deposit formation.
- Hydraulic fluid service: - **Turbine Oil**- 32, 46 and 68 are excellent hydraulic fluids in low pressure systems up to 1000 psi.

PROPERTIES

ISO Grade	32	46	68	100
Appearance	C & B	C & B	C & B	C & B
Density,@15°C	0.865	0.872	0.878	0.882
Viscosity @100 cSt	5.24	6.7	8.6	11.1
Viscosity @40 cSt	30.6	45.9	68.1	100
Viscosity Index	108	108	115	115
Flash Point	222	224	245	262
Pour Point	-33	-33	-27	-22
TAN	0.13	0.13	0.16	0.16
Oxidation Stability Test TOST LIFE min in hrs	10000	10000	10000	10000
AL technology (ZINC FREE) Turbine Oil For Extra Extended Drain Interval life min in hrs	15000	15000	15000	15000

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