

TURBINE OIL

DESCRIPTION

KRUIZER TURBINE OIL is formulated with high viscosity index base oils and selected ash less 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-geared gas turbines.
- Applications requiring high quality rust and oxidation (R&O) inhibited oils.

ADVANTAGES & BENEFITS

- Exceptional oxidation stability for long service life at elevated temperatures. Formulated with premium base oil technology and an ash less, zinc free 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.

Typical Properties

Properties	32	46	68	100
ISO Grade	32	46	68	100
Appearance / Structure	C&B			
Density @15°C	0.865	0.872	0.878	0.882
Viscosity of base oil @40°C	30.6	45.9	68.1	100
Viscosity of base oil @100°C	5.24	6.7	8.6	11.1
Viscosity Index	108		115	
Flash Point	222	224	245	262
Pour Point	-33	-33	-27	-22
TAN	0.13		0.16	
Oxidation Stability test(min in hrs)	10000			
AL technology (ZINC FREE) Turbine Oil For Extra Extended Drain Interval life min in hrs	12000			

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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