

LUBRA TURBINE HIGH PERFORMANCE

TURBINE OIL

DESCRIPTION

Lubricating oil made with hydrocracked base oil and high quality additives that provide exceptional characteristics against oxidation, corrosion and rust. It is also developed to offer a better performance capable of meeting the demands of steam, water and gas turbines and other systems that require a long period service lubricant. It also contains an additive package that provides an extremely high chemical and thermal stability level, LUBRA TURBINE HIGH PERFORMANCE has a high viscosity index that allows it to perform in a wide range of operating temperatures.

Its demulsibility performance gets a complete separation of water and oil and resists emulsion formation of emulsions.

FEATURES AND BENEFITS

- Excellent resistance to oxidation, rust and corrosion.
- Excellent demulsibility.
- Optimal viscosity for severe operating conditions.
- Excellent protection against wear.
- High viscosity index.
- High chemical stability.
- High thermal stability.
- Stability to oxidation.
- Resistance to the formation of varnishes and sludge.

- Resistance to foaming.
- Reduction of problems and cost of maintenance.
- Operation of the most efficient systems.
- It prolongs equipment life.
- Prevents pumps cavitation and decrease pump noise.

APPLICATIONS

It is recommended to be applied on steam turbine bearings, splash lubricated turbines, multipliers, gas turbines, centrifugal pumps and rotary air and / or piston compressors, and some circulation systems and auxiliary equipment for water pumps, high performance electric motors that require an oil with a low tendency to form coal and a high viscosity index that allows it to lubricate with high operating temperatures.

MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

DIN 51524, p.1 (HL); DIN 51517, p.2 (CL); ANFOR NF E 48-603 (HL); CINCINNATI MILACRON P-38 (HL-32), P-55 (HL-46), P-54 (HL-68), P-57 (HL- (L-TD), p.2 (L-TG), SIEMENS TLV 9013 04, BS 489, GEK 32568 A / C, MIL-L-17672 D, CEGB 207001, BROWN BOVERI HTGD 90117, ALSTOM HTGD 90 117 V0001 S; U.S. STEEL 120; WESTINGHOUSE ELECTRIC CORP. TURBINE OIL SPEC.



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TYPICAL PROPERTIES

PROPERTIES	ASTM METHOD					
ISO Viscosity grade		32	46	68	100	150
API Gravity	D1298	30	29.5	28	27	26
Kinematic Viscosity @ 40°C, cSt	D445	32	46	68	100	150
Kinematic Viscosity @ 100°C, cSt	D445	To Report	To Report	To Report	To Report	To Report
Viscosity Index	D2270	100	100	100	100	95
Flash Point, COC, °C	D92	200	218	220	230	235
Demulsibility @ 54 °C; ml at 30 min.	D1401	40-40-0	40-40-0	40-40-0		
Demulsibility @ 82 °C; ml at 60 min.					40 -39-1	40 -39-1
	D665	Pass	Pass	Pass	Pass	Pass
Rust-Preventing Characteristics	D892					
Foaming Tendency / Stability, ml		20 / 0	20 / 0	20 / 0	20 / 0	20 / 0
Sequence I		50 / 0	50 / 0	50 / 0	50 / 0	50 / 0
Sequence II		20 / 0	20 / 0	20 / 0	20 / 0	20 / 0
Sequence III	D130	1b	1b	1b	1b	1b
Copper strip corrosion, 3 hrs @ 100 °C	D1500	0.5	1	1.5	1.5	1.5
ASTM Color	Visual	*C&B	*C&B	*C&B	*C&B	*C&B

Typical Properties are those obtained with normal production tolerance and do not constitute a specification. Variations that not affect product performance are expected during normal manufacture and at different mixing process. The information contained in this document is subject to change without notice. The availability of the products may vary depending on the locality. For more information, contact us at venta@lubral.com

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ISO: 9001:2008 Certificate No. 43698
 ISO: 14001:2004 Certificate No. 46416
 ISO TS: 16949:2009 Certificate No. 55073

