



PRODUCT SPECIFICATION DATA SHEET



BOSS R&O TURBINE OILS

Customer Benefits:

BOSS R&O TURBINE CIRCULATING OILS are formulated with selected premium base stocks carefully refined to insure exceptional performance and long service life. This formulation includes a special additive package to ensure protection against rust and corrosion, as well as excellent resistance to oxidation resulting in excellent operational performance.

PERFORMANCE SPECIFICATIONS:

	32	46	68	100	150	220
ISO VISCOSITY						
DENSITY	0.8614	0.865	0.8694	0.8810	0.8891	0.8990
KINEMATIC VISCOSITY	32	46	68	100	150	220
CST @40°C	5.4	6.8	8.9	11.4	11.8	18.8
VISCOSITY INDEX	100	105	102	102	102	120
FLASH POINT, 0°C	190	218	232	233	243	267
POUR POINT, 0°C	-36	-33	-30	-25	-25	-23
OXIDATION STABILITY HOURS (D943)	4000+	4000+	4000+	4000+	4000+	4000+
DEMULSIBILITY (1401)	PASS	PASS	PASS	PASS	PASS	PASS
COLOUR	LIGHT PALE	LIGHT PALE	LIGHT PALE	LIGHT PALE	LIGHT PALE	LIGHT PALE

Applications:

- STEAM TURBINE SYSTEMS
- GAS TURBINE SYSTEMS
- AIR & GAS COMPRESSORS
- HYDRAULIC OIL SYSTEMS THAT REQUIRE ZINC (ZN) FREE CHEMISTRY
- CIRCULATING OILS SYSTEMS
- DENISON HF-1
- DIN 51524, PART (1)
- MIL-L-17672C
- CININNATI MILACRON P-38, P-45, P-54, P-55, P-57, P-62
- U.S STEEL 126
- AFNOR E- 48600 HL

Properties:

- OUTSTANDING THERMAL AND OXIDATIVE STABILITY
- LOW COPPER ACTIVITY
- EXCELLENT RUST PROTECTION
- GOOD HYDROLYTIC STABILITY
- EXCELLENT FOAM RESISTANCE