



Industrial R & O HYDRAULIC TURBINE OIL



MFA Oil Industrial R & O Hydraulic Turbine Oil is formulated using only high quality Group II, severely hydrocracked, high viscosity index, paraffinic base stocks. This oil is specifically designed to lubricate and protect today's turbine hydraulic systems. It offers excellent rust/oxidation and foam resistance and contains a metal passivator and demulsifier. It is a premium rust and oxidation hydraulic oil, which improves product performance and extends fluid life.

MFA Oil Industrial R&O Hydraulic Turbine Oil is recommended for use in a wide variety of applications that require R&O hydraulic or turbine oils: high speed turbines, reciprocating compressor oils, light duty gas turbines (without gear sets), circulating oils, heat transfer oils, spindle oils and non-EP pneumatic tools.

- Proven field performance
- Rust, oxidation and anti-wear protection for a wide variety of turbines and hydraulic pumps
- Excellent thermal and oxidative stability
- Superior demulsibility or water separation
- Good low temperature properties
- Superior anti-foam characteristics

Always consult and follow manufacturer's guide for proper ISO grade.



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Typical Characteristics

PRODUCT	22	32	46	68	100	150	320
Viscosity @ 40°C cSt	21.15	32.38	46.65	68.92	101.9	155.3	319.9
Viscosity @ 100°C cSt	4.26	5.565	6.96	8.89	11.4	15.88	24.83
Viscosity Index	106	109	106	102	106	106	99
Pour Point °C (°F)	-33 (-28)	-33 (-28)	-33 (-28)	-33 (-28)	-33 (-28)	-27 (-17)	-18 (0)
FOAM (TENDENCY – STABILITY)							
SEQUENCE I	0/0	0/0	0/0	0/0	0/0	0/0	0/0
SEQUENCE II	0/0	0/0	0/0	0/0	0/0	0/0	0/0
SEQUENCE III	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Demulsibility, vol.ml: oil-water-emulsion (minutes)	40-40-0 (15)	40-40-0 (15)	40-40-0 (15)	40-40-0 (15)	40-40-0 (15)	40-40-0 (15)	40-40-0 (15)
RPVOT	500 min.	500 min.	500 min.	500 min.	500 min.	500 min.	500 min.
Turbine Oil Oxidation, Hrs+	6000+	6000+	6000+	6000+	6000+	6000+	6000+
Thermal Stability	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Turbine Oil Rust	Pass-Clean	Pass-Clean	Pass-Clean	Pass-Clean	Pass-Clean	Pass-Clean	Pass-Clean
Distilled Water	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Syn. Sea Water	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Copper Strip Corrosion	1A	1A	1A	1A	1A	1A	1A
API Gravity	33.88	32.77	32.25	31.31	30.62	29.72	27.49
Flash Point	405°F	420°F	445°F	480°F	510°F	510°F	405°F
Copper Strip Corrosion	1A	1A	1A	1A	1A		

Performance Level

DENISON STANDARD HF-1

DIN 51524, PART 1

MIL-L-17672C

BROWN BOVERI 32, 46

ELLIOTT

WESTINGHOUSE I.L. 1800-465-G

CINCINNATI MILACRON P-38, P-54,
P-55, P-57

U.S. STEEL REQUIREMENT 126

AFNOR 3-48600 HL

BRITISH STANDARD 498

ARAMCO

SAE MS 1004

Available In:

5 Gal*, 55 Gal, Bulk*

* Available by special request

