



MAGNA™ MAX TURBINE R & O

MAGNA™ MAX TURBINE R & O— Premium quality, zinc free oil designed from highly refined base stocks, selected additives and inherently possessing good resistance to oxidation, rust, foaming, good demulsification properties and high viscosity index for good load carrying properties.

Applications

MAX TURBINE R & O Primarily used for TURBINES and equipment where ashless type lubricant fluid is required having inherent resistance to oxidation and good thermal stability. MAGNA MAX TURBINE R & O can be used for the lubrication of all parts of heavy-duty, high-speed steam, water and gas turbines used in electric power generation, power take off and marine propulsion using nonferrous alloys operating under severe service conditions.

Specifications: Meets

- BS 489:1983
- DIN 51515
- GENERAL ELECTRIC GE-K-32568A/B
- BROWN BOVERI HT GD 90117E
- ALSTHOM ATLANTIQUE NBA P50001

Features & Benefits

- Relatively long life due to a high natural oxidation resistance.
- Outstanding high/low temperature operating properties.
- Excellent hydrolytic stability in the presence of water.
- Outstanding filter ability and good shear stability.
- Fair resistance to foaming, rust and corrosion.
- Good frictional control.
- Low sludging tendency and outstanding load carrying ability.

Typical Characteristics

MAX TURBINE R & O	ISO	32	46	68	100	150	220
Density @ 15°C Kg/m ³		869	873	883	886	889	882
Kinematic viscosity, 40°C cSt		32	46	68	100	150	220
Kinematic viscosity, 100°C cSt		5.3	6.7	8.5	11	14.3	18.8
Viscosity Index		98	98	98	101	97	96
Flash point, COC, °C		211	215	240	246	250	258
Pour point, °C, Max		-33	-27	-25	-25	-18	-11
Copper strip, 100°C, 3 h		1	1	1	1	1	1
Foam test		Pass	Pass	Pass	Pass	Pass	Pass
Demulsibility		40-40-0	40-40-0	40-40-0	40-40-0	40-39-1	40-39-1
TAN-mgKOH/g		0.07	0.07	0.07	0.07	0.07	0.07
Rust test		Pass	Pass	Pass	Pass	Pass	Pass
Oxidation stability, hrs		6000+	6000+	6000+	6000+	6000+	6000+

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.