

MG R&O TURBINE OIL

ULTIMATE PERFORMANCE TURBINE OIL
ISO 32, 46, 68, 100, 150



Performance Profile

MG R&O TURBINE OIL is a superior quality Zinc free oil with high degree of rust & oxidation protection, designed with highly refined base stocks and properly balanced additive system. Exceeds the requirements of :

German standard
DIN 51515

British standard BS 489:1983

U.S. Military
Mil-L-17672D

Denison HF-1

Brown Boveri HT
GD 90 117E

Alsthom Atlantique NBA P50001

General Electric
GEK-46506 B

General Electric GEK-28143 A

General Electric
GEK-141003 H

U.S. Steel 120 & 125

Application

Recommended for the lubrication of all parts of heavy-duty, high-speed steam, water and gas turbines used in electric power generation, pipeline transmission, power take off and marine propulsion, using non ferrous alloys, operating under severe-service conditions.

Other Uses are

- Light duty or non-antiwear hydraulic system.
- Non-EP gear system.
- Compressor and pump where recommended.

Summary of Benefits

- Longer oil life with smooth operations.
- Outstanding thermal stability at very high temperature.
- Strong demulsibility power, air release capability and filterability.
- Enhanced resistance to foaming and oxidation.
- Long term corrosion, wear and rust protection.
- Improved seals compatibility.
- Low sludging tendency and outstanding load carrying ability.



Technical Data

Characteristics	Typical Value				
	32	46	68	100	150
Sp. Gravity @ 15°C	0.874	0.877	0.879	0.882	0.889
Viscosity @ 40 °C, cSt	33	45	67.5	99.5	144
Viscosity @ 100°C, cSt	5.5	6.70	8.7	11.3	14.5
Viscosity Index	102	101	100	99	98
Flash Point, COC, °C	220	224	232	236	248
Pour Point, °C	-12	-9	-9	-9	-6
TAN, mgm KOH / gm	0.15	0.15	0.15	0.15	0.15
Demulsibility	40-40-0	40-40-0	40-40-0	40-40-0	40-40-0
Rust Test (Method B)	No Rust	No Rust	No Rust	No Rust	No Rust
Oxidation (TOST) Hours to T.A.N. 2	Pass	Pass	Pass	Pass	Pass

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