

POWEROIL TURBO PREMIUM TURBINE BEARING LUBRICANTS

POWEROIL TURBO OILS are blended from premium highly refined, hydro-treated base stocks with state of the art, select anti-oxidant, rust inhibitor and anti-foam additive package.

MEET THE FOLLOWING PERFORMANCE STANDARDS:

BIS:1012- 2002 (Reaffirmed 2013)

U.S. Military MIL-L-17672D

Brown Boveri HT GD 90 117E

Alstom Atlantique NBA P50001

CEGB 207001

U.S.Steel 120 and 125 (Bench Test)

Siemens - TLV -901304

British Standard BS 489:1983

German Standard DIN 51515

General Electric GEK-28143 A

General Electric GEK-46506 B

General Electric GEK-141003H

General Electric GEK-32568K

Alstom HTGD 90117 V0001

CHARACTERISTICS	POWEROIL TURBO		
	32	46	68
ISO VG	32	46	68
Kinematic Viscosity @ 40 °C, cSt	30	45	68
Viscosity index, Min.	105	105	105
Flash point, COC, °C, Min.	210	220	220
Pour point, °C, Max.	-15	-12	-6
TAN mg KOH/gm	0.15	0.15	0.15
Rust test (D-665 A & B 24 hrs)	Pass	Pass	Pass
Air release value @ 50 °C, minutes,	3	4	6
Demulsibility @ 54 °C (40-40-0)	10	10	15
Foaming Tendency Stability			
Seq I	10/0	10/0	10/0
Seq II	20/0	20/0	20/0
Seq III	10/0	10/0	10/0

The above properties are typical values and do not constitute specification of the product

* Non-standard grades like **Poweroil Turbo Super AW –57 & 100** are also available on request.

APPLICATION:

- Recommended for lubrication of steam, hydraulic and gas turbines
- Suitable for hydraulic systems requiring lubrication with excellent anti-oxidation characteristics.



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- Recommended for lubrication of turbo-compressors.

PERFORMANCE BENEFITS:

- Excellent demulsibility leading to ease of water separation from system and hence smoother operations
- Excellent ability to release entrained air from the system, thus avoiding possible cavitations / air locks etc. in the system
- Thermally highly stable, leading to longer oil service life
- Outstanding rust and corrosion protection