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.

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
Demulsibililty @ 54 °C (40-40-0)	10	10	15
Foaming Tendency Stability Seq I Seq II Seq III	 10/0 20/0 10/0	 10/0 20/0 10/0	 10/0 20/0 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.
- 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