

PERTAMINA TURBOLUBE

SERIES



High quality turbine oils formulated from high quality base oils and selected additives.

Pelumas turbin berkualitas tinggi yang diformulasikan dari base oil berkualitas tinggi dan aditif pilihan.

Typical Characteristics

Characteristics	Test Method	TURBOLUBE					
ISO Viscosity Grade	-	32	46	68	100	150	220
Density at 15 °C, kg/L	ASTM D4052	0.8505	0.8589	0.8622	0.8723	0.8752	0.8840
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	31.96	46.08	68.05	106.1	150.2	220.5
at 100 °C, cSt	ASTM D7279	5.620	7.170	9.180	11.90	15.40	19.49
Viscosity Index	ASTM D2270	115	115	111	101	104	100
Flash Point, °C	ASTM D92	226	230	254	276	288	304
Pour Point, °C	ASTM D97	-15	-15	-15	-18	-15	-12

SPECIFICATIONS / APPROVALS

- Siemens TLV 901304
- Fuji Electric
- GE GEK 32568F, 32568H, 32568J
- GE GEK 46506D, 46506E
- GE GEK 107395A
- GE GEK 28143B
- DIN 51524 Part 1
- DIN 51515 Part 1
- DIN 51517 Part 1 & 2
- BS 489
- MIL-L-17672D
- AIST 125
- Fives Cincinnati P-38, P-55, P-54, P-57
- Solar Turbines ES 9-224
- Alstom HTGD 90117 X
- ISO 8068
- AGMA 9005 F-16 R & O
- CEEB Standard 207001

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SUPERIORITIES

- Exhibits superior oxidation and thermal stability, leading to prolonged service life of oil and equipment.
- Prevent formation of sludges under high temperature operating conditions.
- Excellent protection against the rusting and corrosion of metal surfaces.
- Excellent demulsibility for quick water separation.

APPLICATIONS

TURBOLUBE series is recommended for lubrication of steam and water turbines, and some gas turbines requiring the above performance level. It is also recommended for machine tools, vacuum pumps, etc.

KEUNGGULAN

- Memiliki kestabilan oksidasi dan panas yang tinggi, sehingga memperpanjang umur penggunaan pelumas dan peralatan.
- Mencegah pembentukan *sludge* pada kondisi operasi temperatur tinggi.
- Memberikan perlindungan optimal terhadap karat dan korosi pada permukaan logam.
- Memiliki kemampuan pemisahan air yang sangat baik.

PENGUNAAN

TURBOLUBE series direkomendasikan untuk turbin uap, turbin air dan beberapa turbin gas yang mensyaratkan pelumas dengan tingkat mutu di atas. Pelumas ini juga direkomendasikan untuk *machine tools*, pompa vakum, dll.