

GII TURBINE OIL

32, 46, 68, 77, 100

DESCRIPTION

GII TURBINE OIL is a premium quality, highly refined Group II base oils which is further enhanced by the addition of oxidation inhibitors together with specially selected additives that give effective deposit control and keep the system clean. These inhibitors provide resistance to thermal degradation over long periods of time in the presence of entrained air and catalyzing metals. GII TURBINE OIL exhibits good demulsibility, permitting water and other contaminants to readily separate from oil in the system reservoir.

APPLICATIONS

GII TURBINE OIL is designed for use in water, steam and gas turbines, bearing lubrication and system cooling where oil requirements include a long operating life and rust protection, good water separation and air release characteristics. It is also suited for high speed gear units and other applications requiring high quality rust and oxidation inhibited type oil. In addition, this oil find application in circulating systems, anti-friction bearings, enclosed gears, hydraulic units, compressor crankcases and many other applications requiring extended service lubrication.

BENEFITS

- Excellent oxidation stability.
- Effective protection against air entrainment and good air release properties.
- Protection against rust/corrosion for long period.
- Efficient demulsibility for rapid separation of water.

PERFORMANCE LEVEL

BS 489,
DIN 51515 (Par I & II),
ALSTOM HTGD 90117,
GEK 27070,28143A & 46506D & 32568F
Siemens TLV 901304 & TLV 901305.

PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE					TEST METHOD
Grade		-	32	46	68	77	100	-
Specific Gravity	@ 15°C	-	0.8565	0.8595	0.8560	0.8630	0.8655	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	31.00	45.00	68.00	77.00	100.0	ASTM D-445
	@ 100°C	mm ² /s	5.35	6.85	8.90	9.75	11.30	ASTM D-445
Viscosity Index		-	105	105	105	105	98	ASTM D-2270
Flash Point	COC	°C	214	220	230	232	240	ASTM D-92
Pour Point		°C	-15	-15	-15	-15	-9	ASTM D-97
TAN		mg KOH/g	0.10	0.10	0.10	0.10	0.10	ASTM D-974
Color		-	L0.5	0.5	L1.0	1.0	1.5	ASTM D-1500