

Turbine Oil GII

Turbine Oil GII is formulated from high quality Group II structured low sulfur base oils combined with superior additive technology.

Usage

It is suitable for lubrication of high load industrial gas turbines at heat soaking period during run down and high local temperatures or intermittent operation. It has the features of air evacuation, foaming and water separation for steam turbines.

Features

Superior Thermal and Oxidation Stability: It exhibits excellent thermal and oxidation stability, even under extreme thermal stress.

Water Push Properties: It has good water separation and corrosion prevention performance.

High Filtration Capacity: It has excellent filtration capabilities, minimizing the possibility of additional additives even in the presence of moisture and very fine filtration.

Proven Performance: With extensive field experience, its performance in high-performance gas turbines has been proven.

Technical Specifications

ISO Class	-	32	46	68
*Kinematic Viscosity @40˚C, cSt	ASTM D 445	31,65	46,2	68
*Density 20°C, kg/m³	ASTM D 4052	0,852	0,862	0,800
*Viscosity Index	ASTM D 2270	112	111	110
*Flash Point, ˚C	ASTM D 92	222	228	230
*Pour Point, °C	ASTM D 97	-33	-30	-27
*Total Acid Number, mg KOH/g	ASTM D 664	0,01	0,05	0,05
*Foaming Stability, mL/mL, I. Stage	ASTM D 892	0/0	10/0	0/0
Rust Test - Distilled Water (24h)	ISO 7210 / ASTM D 665A	Pass	Pass	Pass
Rust Test - Synthetic Sea Water	ISO 7120 / ASTM D 665B	Pass	Pass	Pass
*Copper Strip Corrosion (@150 °C' 3h)	ISO 2160 / ASTM D 130	1a	1b	1a
*Oxidation Stability-TOST - hours	ISO 4263-1 / ASTM D 943-95	>10000	>10000	>10000

*Oxidation Stability-RPVOT, min.	ASTM D 2272	1100	1100	1100
*FZG Load Carrying	ISO 14635-1	9	9	9

Data given above are typical properties and may vary slightly.

Performance

BS 489 1999, DIN 51515 Part 1 (L-TD) & Part 2, Alstom HGTD 90117 V, Siemens TLV 9013 04 & 05, General Electric GEK; GEK 32568G H&J, GEK 101941A, GEK 107395A, GEK 28143A, 46506E

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