

TURBINE S 32 46 68 100

Hydraulic and steam turbine oils.

PERFORMANCES

Specifications :

Alstom HTGD 90 017 (may 2007) ASTM D-4304 type I (july 2006) ASTM D-4304 type III (july 2006) British Standard BS 489 (december 1999) DIN 51515-1 et DIN 51515-2 (february 2010) DIN 51517-2 DIN 51524-1 (april 2006) General Electric GEK-32568F (february 2002) ISO 8068 TGA TSA (september 2006) Siemens AG TLV 9013 04 standard thermal stability (may 2010) Siemens AG TLV 9013 05 high thermal stability (may 2010)

ADVANTAGES

A special treatment confers on these refined mineral oils very good properties of demulsibility and resistance to oxidation and acidification. Inhibited by anti-oxidising and anti-corrosion additives, they effectively protect the lubricated equipment.

- Excellent chemical and thermal stability, resistance to the formation of deposits and varnishes
- (extended service life under load and greater cost reduction)
- Rapid separation from water
- Very good anti-wear protection
- Long-term protection against rust and corrosion
- High resistance to foaming and excellent deaeration performances (prevents pumps cavitation and noise)
- Multi-purpose use

USES

- Steam turbines, hydraulic turbines and gas turbine circulation systems, including pumps, valves and other accessories
- Geared turbines
 - Hydraulic pumps

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Characteristics	Standards	Units	Values			
Appearance / Colour	-	-	Fluid / Yellow			
Grade ISO VG	-	-	32	46	68	100
Density at 15°C	NFT 60-101	kg/m ³	876	881	886	890
Kinematic viscosity at 40°C	NFT 60-100	mm²/s	32,1	47,5	65,2	97,1
Viscosity index	NFT 60-136	-	99	104	100	98
Pour point	NFT 60-105	°C	-30	-26	-22	-17
Fire point	NFT 60-118	°C	218	220	222	240
Foaming test Seq 1	ASTM D 892	ml/ml	0/0	0/0	0/0	0/0
Copper strip corrosion 3h à 100°C	NFM 07-015	-	1B	1B	1B	1B
Rust protection, salted water	ASTM D665	-	Ok	Ok	Ok	Ok

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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