



MAKER ARIES TURBO GAS CC

Description

Lubricant formulated with hydrocracked bases, specially designed for the lubrication of the latest-generation gas and combined cycle turbines. Characterised essentially by its exceptional resistance to oxidation, considerably extending its service life. Includes extreme pressure additives, which allow the lubrication of the gearboxes located in the turbine generator shaft.

Lubricant adequate for gas turbines, steam turbines and turbo-compressors that run at high temperatures and require high-performance lubricants. It can be used for the lubrication of ammonia compressors.

Properties

- Extraordinary resistance to ageing and sludge formation.
- High resistance to rust.
- Great water separation capacity.
- Excellent anti-foam properties.
- Very good air elimination.
- Optimum Extreme Pressure properties.

Quality levels, approvals and recommendations

- SIEMENS: TLV 9013 04* (32)
 - ALSTOM: HTGD 90117 V0001T (32)
 - GEK 107395A (32)
 - ISO: 6743/3 - DAB, DAH (32)
 - ISO: 6743/5 TGE/TSE (32)
 - SOLAR: ES9-224AA Class II (32)
 - TGM KANIS: WN000023 Rev. 14* (32)
 - DIN: 51515, L-TGP/ 51506 VDL (32)
 - GEK 46506E, GEK 32568j, GEK 28143b, GEK 101941A, GEK 120498 y GEK 27070 (32)
 - ISO: 6743/4 HM (32)
 - ISO: 6743/6-CKB (32)
- *Formal approval



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Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			32
Density at 15 °C	g/cm ³	ASTM D4052	0.838
Viscosity at 40 °C	cSt	ASTM D445	32
Viscosity at 100 °C	cSt	ASTM D445	5.9
Viscosity index	-	ASTM D2270	>120
Pour point	°C	ASTM D97	<-12
Flash point, open cup	°C	ASTM D92	>200
FZG, damage stage	-	DIN 51354	9
RPVOT	min	ASTM D2272	1354
Oxidation stability, Acidity max. 1500 h	mgKOH/g	ASTM D943	0.120
TAN	mgKOH/g	ASTM D974	<0.2
Air release at 50 °C	min	ASTM D3427	<4
Water separability at 54 °C	min	ASTM D1401	15
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1b
Foams: Sec I, II, III formation	mL	ASTM D892	50/50/50
Foams: Sec I, II, III, stability	mL	ASTM D892	0/0/0

The above mentioned characteristics are typical values and should not be considered product specifications.