

ARIES TURBO GAS CC



INDUSTRY

Lubricants

Description

Lubricant formulated with hydrogenated bases, specially designed for lubrication of 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 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. Optimised 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

- L-TGP according to DIN-51515 Part 2
- TGE according to ISO 6743/5
- HM according to ISO 6743/4
- CKB according to ISO 6743/6
- ISO 6743 Part 3 DAB, DAH
- ALSTOM HTGD 90 117 V0001T
- VDL according to ISO 51506
- SIEMENS TLV 901304
- The ISO VG 32 grade complies with GEK 101941a, GEK 107395a and GEK 32568G requirements

Technical specifications

	UNIT	METHOD	VALUE	
ISO Viscosity Grade	g/cm ³	ASTM D 4052	32	46
Density at 15 °C	g/cm ³	ASTM D 4052	0.838	0.843
Viscosity at 40 °C	cSt	ASTM D 445	32	46
Viscosity index	-	ASTM D 2270	120	130
Pour point	°C	ASTM D 97	-15	-15
Flash point	°C	ASTM D 92	230	250
FZG, Step		DIN 51354	8	8
RPVOT	min	ASTM D 2272	1300	1300
No. neutralisation at 10 000 h	mg KOH/g	ASTM D 943	<2	<2

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 17. July 2015.