



MAKER ARIES TURBO GAS

Description

Oil formulated with highly refined mineral bases and selected additives to endow the end product with excellent anti-oxidation, anti-rust, water separation and anti-foam properties. It includes extreme pressure additives which allow use in units with dividers.

It is specially suitable for turbines and compressors equipped with dividers which, in addition to excellent anti-oxidation and anti-rust properties and an extended service life, also require extreme pressure properties.

Properties

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

Quality levels, approvals and recommendations

- SIEMENS: TLV 9013 04*
- GEK: 46506E, 32568j, 28143b, 101941A
- ISO: 6743/5 TGE/TSE
- MIL-PRF-17331K (NATO O-250)
- DIN: 51515 L-TDP
- ISO: 6743/4 HM, 11158 HM
- ISO: 6743/6-CKB
- SOLAR: ES 9-224 AA Class II

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			32	46	80
Density at 15 °C	g/cm3	ASTM D4052	0.880	0.876	0.884
Kinematic viscosity at 40 °C	cSt	ASTM D445	32	46	80
Viscosity index	-	ASTM D2270	95	95	95
Pour point	°C	ASTM D97	-15	-15	-12
Flash point, open cup	°C	ASTM D92	215	220	250
FZG (A/8,3/90): Failure load stage	-	ISO 14635	9	9	12
RPVOT	min	ASTM D2272	700	650	1,150
Oxidation (TAN = 2)	h	ASTM D943	4,000	3,000	3,000
TAN	mg KOH/g	ASTM D664	<0,20	<0,20	<0,30

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