

# MAKER ARIES TURBO GAS

# COMPRESSOR AND TURBINE

## 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

- 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
- The ISO CG 32 grade complies with GEK 101941a and 32568f requirements
- SIEMENS TLV 901304
- Grade 80 meets MIL-PRF-17331L (NATO O-250)

## Technical specifications

	UNIT	METHOD	VALUE			
ISO Viscosity Grade			32	46	68	80
Density at 15 °C	g/cm3	ASTM D 4052	0.894	0.876	0.870	0.886
Viscosity at 40 °C	cSt	ASTM D 445	32	46	68	80
Viscosity index	-	ASTM D 2270	95	95	95	95
Pour point	°C	ASTM D 97	-15	-15	-12	-12
Flash point, open cup	°C	ASTM D 92	215	220	220	250
FZG, damage stage	-	DIN 51354	> 8	> 8	> 8	> 11
RPVOT	min	ASTM D 2272	700	650	650	1150
Oxidation (TAN = 2)	h	ASTM D 943	4000	3000	3000	3000
TAN	mg KOH/g	ASTM D 974	<0,20	<0,20	<0,20	<0,30

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