



ARIES TURBOGAS

INDUSTRY

Description

Oil formulated with highly refined mineral bases and with additives selected to endow the final product with excellent resistance to oxidation, antirust, water separation and antifoam properties. Contains extreme pressure additives to allow it to be used in machinery fitted with enclosed gear drives.

Recommended uses

Especially suitable for turbines and compressors fitted with enclosed gear drives for which Extreme Pressure properties are required, as well as excellent oxidation and rust inhibition properties and a long service life.

Properties

- Very good resistance to ageing and sludge formation.
- Great antirust power.
- Great water separation capacity.
- Excellent anti-foam qualities.
- Good air separation.
- Exceptional Extreme Pressure (EP) properties.

Quality level

- L-TGP according to DIN-51515 Part 2.
- HM according to ISO 6743/4.
- The ISO CG 32 grade meets the requirements of GEK 101941a.
- TGE according to ISO 6743/5.
- CKB according to ISO 6743/6.
- SIEMENS TLV 901304.

Technical characteristics

	UNIT	METHOD	VALUE	VALUE
Type			32	46
Density at 15°C	g/cm ³	ASTM D 4052	0.894	0.876
ISO VG Grade			32	46
Viscosity at 40°C	cSt	ASTM D 445	32.0	46.0
Viscosity index	-	ASTM D 2270	95	95
Pour point	°C	ASTM D 97	-15	-15
Flash point	°C	ASTM D 92	200	220
FZG Step, min		DIN 51354	8	8
RPVOT	min	ASTM D 2272	700	650
Oxidation (TAN = 2)	h	ASTM D 943	4.000	3.000

Available in

Bulk and 185 kg drums. 875 kg containers only for ISO 46.

■ Hazard identification

This product is not classified as toxic or dangerous according to current European legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and Safety Hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.