

**REPSOL****Shanghai PingYiao Trading CO., Ltd.****REPSOL**
INDUSTRIAL*ARIES*
TURBOGAS CC

Description

A fluid elaborated with hydrocracking stocks, specially designed for lubrication of gas and vapor turbines of the latest generation. It is characterized fundamentally due to its exceptional resistance to oxidation, which multiplies its service life period. The oil includes EP properties which allow the lubrication of gearbox in turbines.

Recommended uses

It is especially appropriate for gas and steam turbines and turbo-compressors which run at high temperatures and required a high performance. It is recommended to use in ammonia compressors.

Qualities

Exceptional resistance to ageing and to the formation of sludge.

High anti-rust capacity.

Great capacity for separating itself from water.

Excellent anti-foaming qualities.

Good separation of air.

Shanghai PingYiao Trading CO., Ltd.

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Optimum Extreme Pressure properties.

Quality Level

L-TG according to DIN-51515 Parte 2 HM according to ISO 6743/4
TGE according to ISO 6743/5 CKB according to ISO 6743/6
SIEMENS TLV 901304 VDL according to DIN 51506
ISO VG 32 grade exceeds GEK 101941a and GEK 107395a

Technical Characteristics

	UNIDAD ES	METODO	VALOR	VALOR
Type			32	46
Density at 15°C	g /cm	ASTM D 4052	0,838	0,843
ISO VG Grade	3		32	46
Viscosity at 40°C	cSt	ASTM D 445	32,0	46,0
Viscosity Index		ASTM D 2270	120	130
Pour Point	°C	ASTM D 97	- 15	-15
Flash Point	°C	ASTM D 92	230	250
F.Z.G. Stage, mín		DIN 51354	8	8
RPVOT	min	ASTM D 2272	1300	1300
Neutralization n° at 7000h.	mgKOH/g	ASTM D 943	<2	<2

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Available in

Bulk and 185 kg drums.

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not cause vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its

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penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Unless otherwise specified, the values cited in technical characteristics should be considered as typical.

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