

Péto
Baraka
LUBRIFIANT



TRYLIUM

HUILE TURBINE

GT-32



PERFORMANCE

Huile pour turbines à gaz haute performance
destinée aux applications sévères

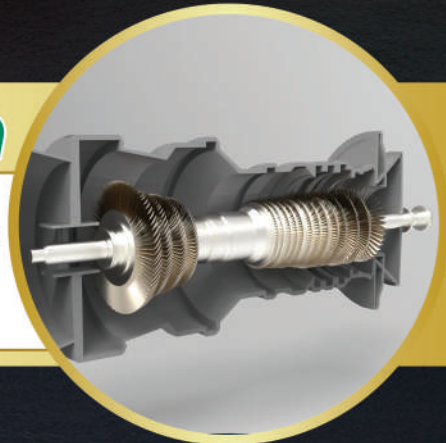
UTILISATION

TURBINES À GAZ ET DES CYCLES COMBINÉS

TURBINES FONCTIONNANT SOUS FORT STRESS THERMIQUE

LUBRIFICATION DES ENGRENAGES DE TURBINES À GAZ

APPLICATIONS DES COMPRESSEURS



HUILES
TURBINES

DISPONIBLE EN 200L

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DESCRIPTION

TRYLIUM GT-32 : is a high-performance oil developed for the lubrication and long-term protection of gas turbines and combined-cycle systems operating under intense thermal and mechanical conditions. Its formulation is based on highly refined base oils combined with an advanced additive technology package, providing exceptional oxidation resistance, remarkable thermal stability, and enhanced wear protection.

- Thanks to its excellent anti-rust and anti-corrosion properties, it effectively protects lubricated circuits even in the presence of moisture, while ensuring compatibility with ammonia due to its specific formulation based on stable esters and resistant additives.

APPLICATION

TRYLIUM GT-32 is specifically designed for:

-  Lubrication of gas turbines and combined-cycle systems
-  Turbines operating under high thermal stress
-  Lubrication of gas turbine gears
-  Compressor applications

SPÉCIFICATIONS

- AGMA 9005-F16R&O
- ASTM D-4304 type I
- ASTM D-4304 type II
- ASTM D-4304 type III
- BRITISH STANDARD BS 489
- DIN 51515 part 1
- DIN 51515 part 2
- DIN 51524 part 1
- Fives Cincinnati P-38 (HL-32) Light Hydraulic Oil
- General Electric GEK 101941A
- General Electric GEK 121608
- General Electric GEK 27070
- General Electric GEK 28143B Type I
- General Electric GEK 32568K
- General Electric GEK 46506E
- Indian Standard IS 1012
- ISO 8068 TGA and TSA
- ISO 8068 TGE and TSE
- ISO 11158 HH
- ISO 11158 HL
- JIS K 2213 Type 2
- Siemens Fluid Specification 65/0027
- Siemens AG TLV 9013 04 standard thermal stability (geared)
- Siemens AG TLV 9013 05 high thermal stability (geared)
- Solar ES 9224Y Class II
- DIN 51506 VDL

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CLIENT BENEFITS

- Excellent oxidation resistance, combined with anti-foam performance and rapid air and water release
- High level of wear protection, ensuring efficient lubrication of turbine-driven gearboxes
- Outstanding anti-rust and anti-corrosion properties, ensuring optimal equipment durability
- Very good hydrolytic stability and excellent filterability (with or without water), making GT-32 perfectly suitable for hydraulic systems

TYPICAL CHARACTERISTIC

These values are typical of current production. However, Pétro Baraka reserves the right to modify certain characteristics in accordance with the product's conformity to its specifications.

TEST	UNIT	MÉTHODES	VALUE
ISO VISCOSITE GRADE			32
Density at 15 °C	-	ASTM D 4052	0,843
Kinematic viscosity at 40 °C	mm ² /s	ASTM D 445	32.8
Kinematic viscosity at 100 °C	mm ² /s	ASTM D 445	5.6
Viscosity Index	-	ASTM D 2270	131
Flash Point (COC)	°C	ASTM D 92	238
Pour Point	°C	ASTM D 97	-15
Air Release (50 °C)	min	ISO 9120	0.7
Demulsibility at 54 °C	min	D1401	10

Foaming Characteristics			
Seq. I 24 C°		ASTM D892	10-0
Seq. II 93.5 C°	mls	ASTM D892	10-0
Seq. III 93.5 C°		ASTM D892	10-0
RPVOT @150C°	min	ASTM D 2272	3064
FZG	Fail stage	ISO 14635-1	8
TOST	H	ASTM D-943	13373

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STORAGE CONDITIONS

Do not store products at temperatures above 60°C. It must be stored away from direct sunlight, intense cold and external temperature fluctuations. If possible, the packaging should never be exposed to weather. Otherwise, the drums shall be placed horizontally, so as to avoid contamination by water and to preserve the product label.

AVAILABILITY

200L

Availability: Available in 200L

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Péto
Baraka

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