



Aminol Turbo EP 32

Product Data Sheet

Turbine oil

Product description

Aminol Turbo EP 32 is a premium turbine fluid specifically designed for use in gas turbines and combined cycles operating under severe conditions. Formulated with carefully selected base stocks and additives, it ensures excellent oxidation stability, outstanding anti-foam properties, rapid air release, and exceptionally high demulsibility.

Application

Aminol Turbo EP 32 significantly exceeds the demanding service requirements of gas and steam turbine operators in power generation, prime movers, and other industrial applications. It is primarily recommended for geared heavy-duty gas turbines that require a turbine fluid providing superior wear and scuffing protection.

Features & Benefits

- Exceptional oxidation resistance
- Extra high thermal stability
- Superior anti-wear and extreme-pressure properties
- Robust rust and anti-corrosion performance
- Longer component life
- Excellent air and water separability

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	32
Density at 15°C	g/cm ³	ASTM D4052	0.859
Kinematic Viscosity at 40°C	cst	ASTM D445	32.0
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.540
Viscosity Index	-	ASTM D2270	109
Flash Point (COC)	°C	ASTM D92	226
Pour Point	°C	ASTM D97	-15
Copper Corrosion, 3h, 100°C	-	ASTM D 130	1a
Water separability, sec	-	ASTM D 7451	30
RBOST test, min.	-	ASTM D 2272	1100
FZG test (Fail Load Stage)	-	DIN 51534 part 2	10
Foaming characteristics, Tendency/ Stability, ml			
Seq I			0/0
Seq II	ml	ASTM D 892	20/0
Seq III			0/0



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Typical property characteristics are based on current production. Whilst future production will conform to Aminol specifications, variations in these characteristics may occur.

Performance claims

- Siemens TLV 9013 04/9013 05
- ALSTOM HTGD 90 117 V0001Y
- GEK 27070/28143B/32568K/46506E
- DIN 51515 Parts I/II
- MORGOL® Advanced Lubricant New Oil Revision 2.5a
- AIST 120/125
- AGMA 9005-F16
- British Standard BS489

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.



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Notes

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