Q8 Volta EP 32

Description
High performance turbine oil for gas- and steam turbine circulation systems, including geared systems.

Specifications
- Officially approved by:
- Siemens TLV 9013 04
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- GE Energy GEK 28143
- GE Energy GEK 101941
- GE Energy GEK 32568
- MAN Turbo SPD 10000494596

- Exceeds OEM and industry specifications:
- DIN 51515-1 L-TDP
- DIN 51515-2 L-TGP
- ASTM D 4304, Type II (EP)
- ISO 6743-5, ISO 8068
- ISO L-TSE/L-TGE/L-TGF/L-TGSE
- JIS K 2213 Type 2
- British Standard 489
- Alstom Power HTGD 90117
- GE Energy GEK 107395
- Siemens MAT812108
- Solar Turbines / Turbomach ES 9-224 (Class II)
- Siemens Westinghouse M-Spec 55125Z3

Benefits
- Long trouble free service
- Based on high quality Group III base fluid
- One product for steam- and gas turbines
- Excellent protection against rust and corrosion
- Outstanding resistance against ageing/oxidation
- Very good water seperation performance
- Rapid air release properties
- Excellent wear protection for geared systems

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	32
Kinematic Viscosity, 40 °C	D 445	mm²/s	32.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	5.9
Viscosity Index	D 2270	-	132
Appearance, Visual	-	-	Bright and Clear
Copper corrosion	D 130	-	1
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (5)
Flash Point, COC	D 92	°C	230
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	0/0/0
10 min settling, seq. 1/2/3		ml	0/0/0
Total Acid Number	D 664	mg KOH/g	<0.03
Pour Point	D 97	°C	-12
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Air Release, 50 °C	DIN 51381	min	2
Rotary Bomb, Oxidation Test, 150 °C	D 2272	min	1150
Oxidation, Time to 2.0 TAN	D 943	hours	>10.000
FZG Test, A/8.3/90	DIN 51354/2	load stage	9

The figures above are not a specification. They are typical figures obtained within production tolerances.