Q8 van Gogh 32

Application
- Turbine oil for steam- and gas turbine circulation systems

Specifications
- Officially approved by:
- Siemens TLV 9013 04
- Siemens TLV 9013 05

- Exceeds OEM and industry specifications:
- DIN 51515-1 L-TD
- DIN 51515-2 L-TG
- ASTM D 4304, Type I
- ISO 6743-5, ISO 8068
- ISO L-TSA/L-TGA
- JIS K 2213 Type 2
- British Standard 489
- Siemens Westinghouse M-Spec 55125Z3

Benefits
- Long trouble free service
- One product for steam- and gas turbines
- Quality exceeding Standard and turbine manufacturer requirements

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	32
Absolute Density, 15 °C	D 4052	kg/m³	870
Kinematic Viscosity, 40 °C	D 445	mm²/s	32.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	5.3
Viscosity Index	D 2270		98
Flash Point	D 92	°C	220
Pour Point	D 97	°C	-12
Colour	D 1500		L1.0
Copper Strip, 3 h, 100 °C	D 130		1
Rust Test, 24 h	D 665		
Procedure A and B			pass
Total Acid Number	D 974	mg KOH/g	0.08
Emulsion, Distilled Water, 54.4 °C	D 1401		40-40-0(5)
Air Release, 50 °C	DIN 51381	min	3
Steam Emulsion	DIN 51589	s	below 60
Foam	D 892		
5 min blowing, seq. 1/2/3		ml	10/10/10
10 min settling, seq. 1/2/3		ml	0/0/0
Oxidation, Time to 2.0 TAN	D 943	h	6000

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