

Q8 van Gogh 46

Application

- Turbine oil for steam- and gas turbine circulation systems

Specifications

- Officially approved by:
 - Siemens TLV 9013 04
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- 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

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	-	-	46
Absolute Density, 15 °C	D 4052	kg/m ³	875
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	6.7
Viscosity Index	D 2270		98
Flash Point	D 92	°C	222
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(10)
Air Release, 50 °C	DIN 51381	min	4
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.

