

Q8 van Gogh EP 100

High performance turbine oil

Description

Q8 van Gogh EP 100 is a high performance turbine oil based on selected premium base fluids. This product is developed for use in steam and gas turbines as well as combined cycle applications, including geared turbines. Q8 van Gogh EP 100 meet the challenges of the latest generation turbines making it suitable to operate under mild to severe conditions. Designed as part of the Q8Oils clean technology program to ensure superior varnish/deposit control and good load carrying capabilities in combination with long oil life.

Applications

Industrial steam- and gas turbines, including geared turbines and combined cycle operations Hydroelectric turbines Circulation systems where turbine oil quality is required Centrifugal- and axial pumps, and turbo-compressors, where turbine oil quality is recommended

Features

Turbine performance

Benefits

Long trouble free service life, excellent turbine protection and outstanding resistance against ageing

Enhanced technology

Developed with outstanding anti-wear/extreme pressure protection to meet the load carrying requirements of geared turbines

Lower operational costs

Specifically developed with excellent protection against the formation of varnish

Specifications & Approvals

ASTM	D 4304, Type II (EP)	GE Energy	GEK 28143
British Standard	489	ISO	6743-5 L-TGE
DIN	51515-1 L-TDP	ISO	6743-5 L-TSE

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,883
Kinematic Viscosity, 40 °C	D 445	mm ² /s	100
Kinematic Viscosity, 100 °C	D 445	mm ² /s	11.2
Viscosity Index	D 2270	-	97
Total Acid Number	D 974	mg KOH/g	0.13
Pour Point	D 97	°C	-12
Flash Point, COC	D 92	°C	254
Colour	D 1500	-	L 1.5
Rust Test, Proc. A and B, 24 h	D 665	-	pass
FZG Test, A/8.3/90	DIN 51354	load stage	10

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

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 van Gogh EP 100 is **1.22 kg CO₂eq / kg**.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

