

Q8 van Gogh EP 150

High performance turbine oil

Description

Q8 van Gogh EP 150 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 150 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) | ISO | 6743-5 L-TSE |
| ISO | 6743-5 L-TGE | | |

Properties

| | Method | Unit | Typical |
|--------------------------------|-----------|--------------------|---------|
| Density, 15 °C | D 4052 | g/ml | 0,887 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 150 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 14.7 |
| 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 | 262 |
| Colour | D 1500 | - | L 2.0 |
| 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.