

## Q8 Holst 100

Advanced zinc-free hydraulic oil

### Description

Q8 Holst 100 is a zinc-free oil that is a perfect fit for a wide range of operational applications and for industrial equipment. Q8 Holst 100 has an advanced filterability and demulsibility what makes it reliable for sensitive hydraulic servo systems. Thanks to its thermal and oxidation stability, this oil guarantees a long lubricant life time.

### Applications

Q8 Holst 100 is suitable for all kinds of systems, general industrial hydraulic applications and other industrial applications (low charged gears, pumps, compressors, bearings). It is also applied in sensitive hydraulic servo systems that require advanced demulsibility and filterability.

### Benefits

- Decreased downtime thanks to increased maintenance efficiency
- Zinc excluded technology
- Optimum wear protection
- Outstanding filterability
- Highly fit for different operations

### Specifications & Approvals

**Bosch Rexroth**  
**DIN**

RE 90220 notes  
51524-2 HLP

**Eaton Brochure**  
**ISO**

03-401-2010  
11158 HM

### Properties

|                                      | Method    | Unit               | Typical     |
|--------------------------------------|-----------|--------------------|-------------|
| ISO Viscosity Grade                  | -         | -                  | 100         |
| Density, 15 °C                       | D 4052    | g/ml               | 0,885       |
| Colour                               | D 1500    | -                  | L 1.5       |
| Kinematic Viscosity, 40 °C           | D 445     | mm <sup>2</sup> /s | 100         |
| Kinematic Viscosity, 100 °C          | D 445     | mm <sup>2</sup> /s | 11.2        |
| Viscosity Index                      | D 2270    | -                  | 97          |
| Total Acid Number                    | D 974     | mg KOH/g           | 0.20        |
| Pour Point                           | D 97      | °C                 | -18         |
| Flash Point, COC                     | D 92      | °C                 | 254         |
| Emulsion, Distilled Water, 82.2 °C   | D 1401    | -                  | 40-40-0(10) |
| Foam, 5 min blowing, seq. 1-2-3      | D 892     | ml                 | 0/10/0      |
| Foam, 10 min settling, seq. 1-2-3    | D 892     | ml                 | 0/0/0       |
| Rust Test, Proc. A and B, 24 h       | D 665     | -                  | pass        |
| Copper Strip, 3 h, 100 °C            | D 130     | -                  | 1           |
| Oxidation stability, Time to 2.0 TAN | D 943     | hrs                | >2500       |
| FZG Test, A/8.3/90                   | DIN 51354 | load stage         | >12         |

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 Holst 100 is **1.22** kg CO<sub>2</sub>eq / 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

