

## Q8 Heller 100

Advanced zinc-based hydraulic oil with high viscosity index

### Description

Q8 Heller 100 is suitable for a broad range of applications and temperatures. The high viscosity index of >140 exceeds the industrial standard which results in an oil with outstanding flow properties. The high oxidation stability leads to extended drain intervals and lubricant life. Q8 Heller 100 is used for demanding applications that require high viscosity index oils.

### Applications

Q8 Heller 100 is suitable for all season applications such as off-highway equipment. It is also used in industries and applications requiring high viscosity index oils, like paper, steel, cement or mining industry.

### Benefits

- Extensive oil drain interval for a longer lubricant lifetime
- Lower downtime and an improved maintenance efficiency
- Outstanding oxidation stability
- Highly appropriate for use in a wide range of temperatures
- Excellently high viscosity index
- High protection against wear
- Optimum separation of water

### Specifications & Approvals

**Bosch Rexroth**  
**DIN**

RE 90220 notes  
51524-3 HVLP

**Eaton Brochure**  
**ISO**

03-401-2010  
11158 HV

### Properties

|                                    | Method | Unit               | Typical     |
|------------------------------------|--------|--------------------|-------------|
| ISO Viscosity Grade                | -      | -                  | 100         |
| Density, 15 °C                     | D 4052 | g/ml               | 0,882       |
| Kinematic Viscosity, 40 °C         | D 445  | mm <sup>2</sup> /s | 100         |
| Kinematic Viscosity, 100 °C        | D 445  | mm <sup>2</sup> /s | 14.3        |
| Viscosity Index                    | D 2270 | -                  | 142         |
| Pour Point                         | D 97   | °C                 | -30         |
| Flash Point, COC                   | D 92   | °C                 | 248         |
| Emulsion, Distilled Water, 54.4 °C | D 1401 | -                  | 40-40-0(15) |
| Foam, 5 min blowing, seq. 1-2-3    | D 892  | ml                 | 10/0/10     |
| 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        |

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 Heller 100 is **1.39 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

