

## Q8 Hanson 46

Outstanding zinc-free hydraulic oil with high viscosity index

### Description

Q8 Hanson 46 is a zinc-free hydraulic oil with a high viscosity index of >150 and excellent flow properties. Its outstanding thermal and oxidation stability leads to longer lubricant life time and extended drain intervals. Q8 Hanson 46 offers an excellent filterability and demulsibility what makes it recommended for sensitive hydraulic servo systems.

### Applications

Q8 Hanson 46 is suitable for all kinds of general industrial hydraulic applications. It is applied in sensitive hydraulic servo systems that require advanced demulsibility and filterability. Q8 Hanson 46 is used in industries and applications that demand a high viscosity index oil (paper, steel, cement or mining industry) and in all season applications (off-highway equipment).

### Benefits

- Extends service life time thus minimal costs and maximal efficiency
- Decreased downtime thanks to increased maintenance efficiency
- Excellent reduction of oil oxidation
- Outstandingly appropriate for use in a wide range of temperatures
- Outstanding anti-wear characteristics
- Excellently high viscosity index
- Excellent 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	-	-	46
Colour	D 1500	-	L1
Density, 20 °C	D 4052	g/ml	0,868
Density, 15 °C	D 4052	g/ml	0,872
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	46
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	8,2
Viscosity Index	D 2270	-	155
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	222
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (20 min)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/20/10
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
Copper Strip, 3 h, 100 °C	D 130	-	1
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 Hanson 46 is **1.31** 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](#)*



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