

## Q8 Heller 46

Advanced zinc-based hydraulic oil with high viscosity index

### Description

Q8 Heller 46 is suitable for an extensive range of applications and temperatures. The high viscosity index of >150 exceeds the industrial standard which results in an oil with outstanding flow properties. Thanks to the high oxidation stability, drain intervals and lubricant life are significantly extended. Q8 Heller 46 is used for demanding applications that require high viscosity index oils.

### Applications

Q8 Heller 46 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

<b>AFNOR</b>	48-603 HV	<b>Eaton Brochure</b>	03-401-2010
<b>Bosch Rexroth</b>	RE 90220 notes	<b>Energreen</b>	
<b>DIN</b>	51524-3 HVLP	<b>ISO</b>	11158 HV

### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Colour	D 1500	-	1,5
Density, 15 °C	D 4052	g/ml	0,866
Density, 20 °C	D 4052	g/ml	0,861
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	210
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(10)
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	11

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 46 is **0.52** kg CO<sub>2</sub>eq / kg.*

*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.  
For more info check here*



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take  
care**