

## Q8 Haydn 46

Advanced zinc-based hydraulic oil

### Description

Q8 Haydn 46 oil consists of a zinc-based additive technology. This oil can be used in all sorts of operational applications and industrial equipment. Q8 Haydn 46 oil has an optimum thermal and oxidation stability and has a long service life time.

### Applications

Q8 Haydn 46 is suitable for all kinds of systems, general industrial hydraulic applications and other industrial applications (low charged gears, pumps, compressors, bearings).

### Benefits

- Lower downtime and an improved maintenance efficiency
- Zinc-based additives
- Advanced performance against wear
- Excellent separation of water
- Advanced release of entrained air bubbles

### Specifications & Approvals

<b>Bosch Rexroth</b>	RE 90220 notes	<b>Eaton Brochure</b>	03-401-2010
<b>DIN</b>	51517-2 CL	<b>ISO</b>	11158 HM
<b>DIN</b>	51524-2 HLP	<b>MAG IAS</b>	P-68, P-69, P-70
<b>Danieli</b>	Standard 0.000.001-R15 (2020)	<b>Swedish Standard</b>	SS 155434 AM
<b>Denison</b>	HF-0, HF-1, HF-2		

### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	0,878
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	45.0
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	6.96
Viscosity Index	D 2270	-	112
Pour Point	D 97	°C	-33
Flash Point, COC	D 92	°C	221
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (20)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/20/0
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
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 Haydn 46 is **0.85** 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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