Q8 Oils

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

Bosch Rexroth	RE 90220 notes	**Eaton Brochure**	03-401-2010
DIN	51524-2 HLP	**ISO**	11158 HM
Danieli	Standard 0.000.001-R15 (2023)	**MAG IAS**	P-68, P-69, P-70
Denison	HF-0, HF-1, HF-2	**Swedish Standard**	SS 155434 AM

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Colour	D 1500	-	1,5
Density, 15 °C	D 4052	g/ml	0,878
Density, 20 °C	D 4052	g/ml	0,869
Kinematic Viscosity, 40 °C	D 445	mm²/s	45.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	6.9
Viscosity Index	D 2270	-	105
Pour Point	D 97	°C	-33
Flash Point, COC	D 92	°C	218
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (20)
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 Haydn 46 is **0.85** *kg CO$_2$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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