

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

Features

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	51517-2 CL	ISO	11158 HM
DIN	51524-2 HLP	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
Density, 15 °C	D 4052	g/ml	0,878
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.9
Kinematic Viscosity, 100 °C	D 445	mm ² /s	6.86
Viscosity Index	D 2270	-	101
Total Acid Number	D 974	mg KOH/g	0.7
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	226
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
Oxidation stability, Time to 2.0 TAN	D 943	hrs	4500
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.