

Q8 Holst 46

Advanced zinc-free hydraulic oil

Description

The zinc-free Q8 Holst 46 is a perfect fit for a wide range of operational applications and for industrial equipment. The Q8 Holst 46 has an advanced filterability and demulsibility what makes it reliable for sensitive hydraulic servo systems. Thanks to its thermal and oxidation stability, this oil guarantees a long lubricant life time.

Applications

Q8 Holst 46 is suitable for all kinds of systems, general industrial hydraulic applications and other industrial applications (low charged gears, pumps, compressors, bearings). It is also applied in sensitive hydraulic servo systems that require advanced demulsibility and filterability.

Benefits

- Decreased downtime thanks to increased maintenance efficiency
- Zinc excluded technology
- Optimum wear protection
- Outstanding filterability
- Highly fit for different operations

Specifications & Approvals

Arburg	HLP VG 46 (ZAF)	Eaton Brochure	03-401-2010
Bosch Rexroth	RE 90220 notes	ISO	11158 HM
DIN	51524-2 HLP		

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	0,878
Colour	D 1500	-	L 1.0
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46
Kinematic Viscosity, 100 °C	D 445	mm ² /s	6.78
Viscosity Index	D 2270	-	98
Total Acid Number	D 974	mg KOH/g	<0.05
Pour Point	D 97	°C	-27
Flash Point, COC	D 92	°C	226
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (5 min)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/0/0
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	-	1b
Total Acid Number	D 664	mg KOH/g	0.26 after 1000h
Oxidation stability, Time to 2.0 TAN	D 943	hrs	3300
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.