

Q8 Henry 46

Group II based hydraulic oil approved by Bosch Rexroth

Description

Q8 Henry 46 is a superior group II based oil with exceptional oil drain intervals and extremely high thermal and oxidation stability. The zinc-based anti-wear hydraulic fluid is developed to meet the requirements of the most rigorous hydraulic specifications and is approved by Bosch Rexroth. Q8 Henry 46 has an exceptional performance under high loads, pressures and temperatures.

Applications

Q8 Henry 46 is used in a wide range of industrial hydraulic applications. It is also applied in systems operating in severe conditions (high pressure, extreme temperatures) that require high performance hydraulic oils such as servo hydraulics. Q8 Henry 46 is recommended in mobile and off-road hydraulic equipment.

Benefits

Increased equipment lifetime thus less downtime of machinery

Extensive oil drain interval for a longer lubricant lifetime

Features

Extremely applicable in difficult and severe conditions

Zinc included technology

Long term stable fluid viscosity through excellent shear stability

Superior oxidation stability

Exceptional thermal durability

Exceptional filterability

Specifications & Approvals

Bosch Rexroth	RDE-90235	Eaton Brochure	03-401-2010
Bosch Rexroth	RDE-90245	ISO	11158 HM
DIN	51524-2 HLP	MAG IAS	P-68, P-69, P-70
Denison	HF-0, HF-1, HF-2		

Properties

	Method	Unit	Typical
Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	0.863
Kin. Viscosity Base Oil at 40 °C	D 445	mm ² /s	44.7
Kin. Viscosity Base Oil at 100 °C	D 445	mm ² /s	6.9
Flash Point, COC	D 92	°C	246
Pour Point	D 97	°C	-36
Copper Strip, 3 h, 100 °C	D 130	-	1A
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Total Acid Number	D 974	mg KOH/g	0.4
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (10 min)
Air Release, 50 °C	D 3427	min	1.9
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/10/10
Foam, 10 min settling, seq. 1-2-3	D 892	ml	0/0/0
Oxidation stability, Time to 2.0 TAN	D 943	hrs	5220
FZG Test, A/8.3/90	DIN 51354	load stage	>10

The figures above are not a specification. They are typical figures obtained within production tolerances.