

Q8 Heller 46

Advanced zinc-based hydraulic oil with high viscosity index

Description

Q8 Heller 46 is suitable for an extensive range of applications and temperatures. The high viscosity index of >150 exceeds the industrial standard which results in an oil with outstanding flow properties. Thanks to the high oxidation stability, drain intervals and lubricant life are significantly extended. Q8 Heller 46 is used for demanding applications that require high viscosity index oils.

Applications

Q8 Heller 46 is suitable for all season applications such as off-highway equipment. It is also used in industries and applications requiring high viscosity index oils, like paper, steel, cement or mining industry.

Benefits

- Extensive oil drain interval for a longer lubricant lifetime
- Lower downtime and an improved maintenance efficiency
- Outstanding oxidation stability
- Highly appropriate for use in a wide range of temperatures
- Excellently high viscosity index
- High protection against wear
- Optimum separation of water

Specifications & Approvals

Afnor		Eaton Brochure	03-401-2010
Bosch Rexroth	RE 90220 notes	ISO	11158 HV
DIN	51524-3 HVLP	ISO	6743-4 HV

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 20 °C	D 4052	g/ml	0,875
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	8.15
Viscosity Index	D 2270	-	152
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	218
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(10)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/0/10
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	11

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