PRODUCT DATA SHEET

Q8 Hanson 46

Outstanding zinc-free hydraulic oil with high viscosity index

Description

Q8 Hanson 46 is a zinc-free hydraulic oil with a high viscosity index of >150 and excellent flow properties. Its outstanding thermal and oxidation stability leads to longer lubricant life time and extended drain intervals. Q8 Hanson 46 offers an excellent filterability and demulsibility what makes it recommended for sensitive hydraulic servo systems.

Applications

Q8 Hanson 46 is suitable for all kinds of general industrial hydraulic applications. It is applied in sensitive hydraulic servo systems that require advanced demulsibility and filterability.
Q8 Hanson 46 is used in industries and applications that demand a high viscosity index oil (paper, steel, cement or mining industry) and in all season applications (off-highway equipment).

Benefits

- *Extends service life time thus minimal costs and maximal efficiency*
- *Decreased downtime thanks to increased maintenance efficiency*
- *Excellent reduction of oil oxidation*
- *Outstandingly appropriate for use in a wide range of temperatures*
- *Outstanding anti-wear characteristics*
- *Excellently high viscosity index*
- *Excellent separation of water*

Specifications & Approvals

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

Properties

	Method	Unit	Typical
ISO Viscosity Grade	*-*	*-*	*46*
Colour	*D 1500*	*-*	*L1*
Density, 20 °C	*D 4052*	*g/ml*	*0,868*
Density, 15 °C	*D 4052*	*g/ml*	*0,872*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*46*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*8,2*
Viscosity Index	*D 2270*	*-*	*155*
Pour Point	*D 97*	*°C*	*-36*
Flash Point, COC	*D 92*	*°C*	*222*
Emulsion, Distilled Water, 54.4 °C	*D 1401*	*-*	*40-40-0 (20 min)*
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 Hanson 46 is ***1.31*** *kg CO_2eq / 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

we take care

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

VINÇOTTE