PRODUCT DATA SHEET

Q8 Hoffmeister 46

Zinc- and detergent-based hydraulic oil with high viscosity index

Description

Q8 Hoffmeister 46 is a superior zinc-based hydraulic oil with extensive detergent and dispergent functionalities. This oil keeps the hydraulic systems clean without losing the hydraulic properties and helps to disperse contaminants, water and other deposits. Q8 Hoffmeister 46 has a high viscosity index (>150) and exceeds the industrial standard DIN HLVP (VI 140) and ISO HV.

Applications

Q8 Hoffmeister 46 is perfect for usage for hydraulic systems in off-road applications and mobile construction equipment. Thanks to its detergent functionalities, this oil is the ideal solution for hydraulic systems where water and pollution can be a problem.
It can be used in the most extreme temperatures: from high to low.

Benefits

- *Minimizes downtime which leads to a higher maintenance efficiency*
- *Extends service life time thus minimal costs and maximal efficiency*
- *Outstanding emulsification of entrained water*
- *Excellent cleaning properties*
- *Optimum anti-corrosion characteristics*
- *High viscosity index*
- *Excellently recommended in a wide range of temperatures*
- *Zinc included technology*

Specifications & Approvals

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

Properties

	Method	Unit	Typical
ISO Viscosity Grade	*-*	*-*	*46*
Density, 15 °C	*D 4052*	*g/ml*	*0,874*
Colour	*D 1500*	*-*	*L 1.0*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*46.0*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*8.15*
Viscosity Index	*D 2270*	*-*	*152*
Pour Point	*D 97*	*°C*	*-39*
Flash Point, COC	*D 92*	*°C*	*218*
Foam, 5 min blowing, seq. 1-2-3	*D 892*	*ml*	*5/10/5*
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*

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 Hoffmeister 46 is **1.33** 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