PRODUCT DATA SHEET

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*
Colour	*D 1500*	*-*	*L 1*
Density, 15 °C	*D 4052*	*g/ml*	*0,878*
Density, 20 °C	*D 4052*	*g/ml*	*0,868*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*46*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*6.78*
Viscosity Index	*D 2270*	*-*	*100*
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*	*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*	*-*	*1b*
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 Holst 46 is **1.23** 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

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