PRODUCT DATA SHEET

Q8 Hogarth 68

Energy efficient hydraulic oil for extreme operational reliability

Description

Q8 Hogarth 68 guarantees a higher operational reliability and a long term stable fluid viscosity thanks to its great shear stability. The unique combination of a higher hydraulic response, the cold start ability and the reduction of internal leakages, makes this oil energy efficient in all situations. Its superior oxidation stability leads to an extended oil replenishment interval.

Applications

Q8 Hogarth 68 is perfect for usage in all temperatures and under tough circumstances such as off-highway equipment (bulldozers, scrapers, construction equipment...) and industrial hydraulic systems (paper mills, injection moulding machines, steel industry).

Benefits

- *Advanced and improved efficiency for all applications*
- *No loss of quality over time*
- *Excellently high viscosity index*
- *Exceptional stay-in-grade endurance*
- *Excellent flow properties*
- *Ready to use thanks to its cold start capability*
- *Smooth operational properties*
- *Superior oxidation stability*
- *Superior reduction of varnishing*

Specifications & Approvals

Bosch Rexroth	RE 90220 notes	**ISO**	11158 HV
DIN	51524-3 HVLP	**MAG IAS**	P-68, P-69, P-70
Denison	HF-0, HF-1, HF-2	**Swedish Standard**	SS 155434 AV
Eaton Brochure	03-401-2010		

Properties

	Method	Unit	Typical
ISO Viscosity Grade	*-*	*-*	*68*
Density, 15 °C	*D 4052*	*g/ml*	*0,862*
Colour	*D 1500*	*-*	*L 1.0*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*66.3*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*11.1*
Viscosity Index	*D 2270*	*-*	*161*
Pour Point	*D 97*	*°C*	*-33*
Flash Point, COC	*D 92*	*°C*	*>200*
Emulsion, Distilled Water, 54.4 °C	*D 1401*	*-*	*40-40-0(15)*
Foam, 5 min blowing, seq. 1-2-3	*D 892*	*ml*	*10/25/10*
Foam, 10 min settling, seq. 1-2-3	*D 892*	*ml*	*0/0/0*
Total Acid Number	*D 664*	*mg KOH/g*	*0.5*
Oxidation stability, Time to 2.0 TAN	*D 943*	*hrs*	*>4000*
Rust Test, Proc. A and B, 24 h	*D 665*	*-*	*pass*
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.

Remarks

The energy efficiency is only valid when compared to Q8 standard hydraulic lubricants. The used technology has been tested under controlled circumstances. Improvements of the energy efficiency may vary based on applications and operating conditions.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Hogarth 68 is ***1.34*** *kg* CO_2*eq / 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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