

Q8 Hogarth range

Long life, shear stable, top tier hydraulic oil

Product Description

Q8 Hogarth 46 & 68 are long life, shear stable top tier hydraulic oils. They have been developed for off highway equipment and other hydraulic systems exposed to wide temperature fluctuations.

Specifications

- ISO 11158, category HV, ISO 6743-4, category HR and HV
- DIN 51524, Part 3, category HVLP, DIN 51502, category HVLP
- SS 155434, category AV
- Denison HF-0, HF-1, HF-2
- AFNOR 48-603, category HV

Benefits

- Very stable viscosity behaviour, due to the use of a very shear stable viscosity modifier
- Extended oil replenishment intervals, due to superior oxidation stability
- Optimum anti-wear performance, based on a zinc dialkylthiophosphate additive
- Wide application temperature range through low pour point and outstanding low and high temperature viscosity characteristics
- Trouble-free operation due to the unique combination of outstanding demulsibility, foam, air release, hydrolytic stability and filterability

Formulation

- Mineral Oils
- Group 3 Base Oil
- Viscosity Index Improver
- Anti-wear Additive
- Rust Inhibitor
- Anti-oxidant
- Corrosion Inhibitor
- Anti-foam Agent

Typical Inspection Data

	Method	Units	Inspection Data	
Q8 Hogarth			46	68
ISO Viscosity Grade	-	-	46	68
Absolute Density, 15 °C	D 4052	kg/m ³	857	862
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.6	66.3
Kinematic Viscosity, 100 °C	D 445	mm ² /s	8.75	11.1
Viscosity Index	D 2270	-	170	161
Flash Point	D 92	°C	200	>200
Pour Point	D 97	°C	-30	-33
Colour	D 1500	-	L0.5	L1.0
Rust Test, Proc. A and B, 24 h	D 665	-	pass	Pass
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(15)	40-40-0(15)
Air Release, 50 °C	DIN 51381	min	6	8
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	10/25/10	10/25/10
10 min settling, seq. 1/2/3		ml	0/0/0	0/0/0
Viscosity loss at 100 °C	CEC L-45-A-99	%	11.2	13.5
Oxidation Stability	D 943	h	3500	3500

Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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Kuwait Petroleum International Lubricants (UK) Ltd

Knowsthorpe Gate, Leeds LS9 0NP. UK

For further assistance contact the Technical help line Telephone +44 (0) 113 2365 223, Fax +44 (0) 870 238 4673

For Customer Sales Contact, Tel +44 (0) 113 2365 204, Fax +44 (0) 113 2485 026. www.Q8Oils.co.uk

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Certificate No. FM 89665

technical data