

Q8 Hindemith LT

Applications

Q8 Hindemith LT is designed for off highway equipment and other hydraulic systems exposed to extremely wide temperature fluctuations.

Specifications

- Swedish Defence FSD 8401
- Volvo STD 1286,07
- SS 155434, category AV
- DIN 51524, Part 3, category HVLP

Benefits

- Wide application temperature range through outstanding low and high temperature viscosity characteristics
- Optimum anti-wear performance, based on ashless anti-wear additive
- Long term stable fluid viscosity through excellent shear stability characteristics of the selected viscosity index improver

References

- Q8 Hindemith LT surpassed the ISO 11158 HV requirements

Formulation

- Selected Low Pour Point Base Oils
- Viscosity Index Improver
- Anti-wear additives
- Rust inhibitor
- Anti-oxidant
- Corrosion inhibitor
- Anti-foam agent

Typical Inspection Data

	Method	Units	Inspection Data
Q8 Hindemith			LT
ISO Viscosity Grade	-	-	-
Absolute Density, 15 °C	D 4052	kg/m ³	875
Kinematic Viscosity, 40 °C	D 445	mm ² /s	32.1
Kinematic Viscosity, 100 °C	D 445	mm ² /s	10.89
Kinematic Viscosity, -40 °C	D 445	mm ² /s	1466
Kinematic Viscosity, -30 °C	D 445	mm ² /s	611
Kinematic Viscosity, -20 °C	D 445	mm ² /s	311
Viscosity Index	D 2270	-	353
Flash Point	D 92	°C	100
Pour Point	D 97	°C	-51
Colour	D 1500	-	L0.5
Copper Strip, 3 h, 100 °C	D 130	-	1
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Total Acid Number	D 974	mg KOH/g	0.30
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(5)
Air Release, 50 °C	DIN 51381	min	2
Shear Stability, 250 cycles	DIN 51382		
Viscosity Loss		%	3
Filterability Test	CETOP	factor	104

Health and Safety

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

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technical data