

Q8 Hindemith 15

Application

- Off highway equipment and other hydraulic systems exposed to extremely wide temperature fluctuations

Specifications

- DIN 51524 Part 3, HVLP

Benefits

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

References

- Q8 Hindemith surpasses the ISO 11158 HV requirements

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	15
Absolute Density, 15 °C	D 4052	kg/m ³	875
Kinematic Viscosity, 40 °C	D 445	mm ² /s	15.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	5.59
Kinematic Viscosity, -40 °C	D 445	mm ² /s	317
Kinematic Viscosity, -30 °C	D 445	mm ² /s	169
Kinematic Viscosity, -20 °C	D 445	mm ² /s	105
Viscosity Index	D 2270	-	375
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	1
Shear Stability, 250 cycles	DIN 51382		
Viscosity Loss		%	1.4
Filterability Test	CETOP	factor	104
Oxidation Stability	D 943	hours	7830
FZG Test, A/8.3/90	DIN 51354	load stage	pass 10

The figures above are not a specification. They are typical figures obtained within production tolerances.

