Q8 Handel 68

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

Specifications
- ISO 11158, category HV
- DIN 51524 Part 3, category HVLP
- SS 155434, category AV
- ISO 6743-4, category HR and HV
- DIN 51502, category HVLP

Benefits
- Optimum anti-wear performance, based on a zinc diakyldithiophosphate 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
- Long term stable fluid viscosity through excellent shear stability

References
- Q8 Handel meets the most severe off highway equipment manufacturer requirements and is approved by the major hydraulic pump manufacturers
- The zinc based additive package meets Denison HF-0, HF-1 and HF-2 requirements.

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	68
Absolute Density, 15 °C	D 4052	kg/m³	878
Kinematic Viscosity, 40 °C	D 445	mm²/s	68.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	11.60
Viscosity Index	D 2270	-	166
Flash Point	D 92	°C	210
Pour Point	D 97	°C	-36
Colour	D 1500	-	L0.5
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(20)
Air Release, 50 °C	DIN 51381	min	6
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	10/25/10
10 min settling, seq. 1/2/3		ml	0/0/0
Copper Strip, 3 h, 100 °C	D 130	-	1

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