Q8 Halley 46

Application
- Hydraulic systems not compatible with zinc based anti-wear hydraulic oils

Specifications
- ISO 11158, category HV
- DIN 51524, part3, category HVLP
- ISO 6743-4, category HR and HV
- DIN 51502, category HVLP

Benefits
- Long service life due to high oxidation stability
- Optimum anti-wear performance, based on zinc free additives
- High viscosity index
- Suitable for most hydraulic equipment

Properties	Method	Unit	Typical
ISO Viscosity Grade		-	46
Absolute Density, 15 °C	D 4052	kg/m³	875
Kinematic Viscosity, 40 °C	D 445	mm²/s	46.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	9.22
Viscosity Index	D 2270	-	188
Flash Point	D 92	°C	200
Pour Point	D 97	°C	-36
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	0.3
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	30/50/30
10 min settling, seq. 1/2/3		ml	0/0/0
Oxidation, Time to 2.0 TAN	D 943	h	2500
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.