Q8 Vivaldi M 220

Application
- Steel mill circulation systems with Morgoil and Mesta bearings

Specifications
- ISO 6743/0, category Y
- DIN 51517 Part 1, category C

Benefits
- Easy separation of water and retention of this characteristic after long periods of use
- Good natural oxidation stability for long oil life
- Low carbon residues minimizing bearing deposits
- Outstanding properties against foam formation
- Excellent anti-wear performance

References
- Q8 Vivaldi M meets Morgoil Construction Company and Mesta Machine Company requirements for uninhibited mineral oils

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	220
Absolute Density, 15 °C	D 4052	kg/m³	891
Kinematic Viscosity, 40 °C	D 445	mm²/s	220
Kinematic Viscosity, 100 °C	D 445	mm²/s	19.0
Viscosity Index	D 2270	-	97
Flash Point	D 92	°C	270
Pour Point	D 97	°C	-12
Colour	D 1500	-	L2.5
Copper Strip, 3 h, 100 °C	D 130	-	1
Total Acid Number	D 974	mg KOH/g	0.03
FZG Test, A/8,3/90 load stage	DIN 51354	load stage	>12
Emulsion, Distilled Water, 82.2 °C	D 1401	-	40-40-0(10)
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	10/20/10
Foam, 10 min settling, seq. 1/2/3		ml	0/0/0
Oxidation	DIN 51352		
Conradson Carbon Increase		% mass	<0.5
Rust Test, Proc. A and B, 24 h	D 665	-	pass

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