

Q8 Wagner T 220

Application

- Slideways of machine tools

Specifications

- Cincinnati-Milacron CM P-47, P-50 and P-53 (slide-way performance)
- DIN 51524 Part II (HLP, hydraulic performance)
- AISE 224 (industrial gear performance, US Steel)
- AGMA 9005 E02
- DIN 51517 Part III (CLP)
- DIN 51502, category CGLP

Benefits

- Excellent resistance against high pressure splashing of water based cutting fluids
- Good demulsibility properties when in contact with water based cutting fluids, as shown in "Schmidt" test of SKC
- Outstanding protection of machine tool parts through superior rust and corrosion prevention
- Excellent wear protection through strong film, effective anti-wear characteristics and resistance against the washing effect of water based cutting fluids
- Smooth workpiece surface finish through outstanding stick-slip characteristics
- Good friction performance for both cast iron on cast iron and cast iron on SKC3 plastic

Caution

- Tackiness Agent can cause filter blocking. In that case Q8 Wagner is recommended.

Properties	Method	Unit	Typical
Absolute Density, 15 °C	D 4052	g/ml	0.893
Kinematic Viscosity, 40 °C	D 445	mm ² /s	220
Kinematic Viscosity, 100 °C	D 445	mm ² /s	20.1
Viscosity Index	D 2270	-	105
Flash Point	D 92	°C	248
Pour Point	D 97	°C	-12
Colour	D 1500	-	L2.5
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Copper Strip, 3 h, 100 °C	D 130	-	1
Total Acid Number	D 664	mg KOH/g	0.45
Stick-Slip Ratio (Static/Kinetic)	C-M	-	0.78
Texture	KPI 5	-	stringy

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