

Q8 Wagner 220

Application

- Slide ways 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
- ISO 6743-13, category GB

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 oil 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
- Very good filterability

| 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 | - | 106 |
| 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 |

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