

## Q8 Wagner NST 220

High performance slideway oil with excellent tackiness properties

### Description

Q8 Wagner NST 220 is a high performance slideway oil enriched with excellent tackiness components. The oil has an outstanding demulsibility and is resistant to high pressure splashing of water based cutting fluids. The formulation of Q8 Wagner NST 220 protects tools against wear and corrosion, provides outstanding frictional properties and is compatible with water based metalworking fluids.

### Applications

Q8 Wagner NST 220 is used in vertical slideways of machine tools. It is also applicable in systems that require CLP (industrial gear oils) or HLP (hydraulic oils) specifications.

### Benefits

- Lower downtime and an improved maintenance efficiency
- Reduction of product portfolio through extended lubricant applications
- Superior adhesive properties
- Resistant to high pressure splashing of water based cutting fluids
- Superior separation of water
- Extreme protection against corrosion
- Highly suitable for a wide range of application
- Excellent wear protection

### Specifications & Approvals

|           |             |     |             |
|-----------|-------------|-----|-------------|
| ANSI/AGMA | 9005-E02    | DIN | 51524-2 HLP |
| DIN       | 51502 CGLP  | ISO | 6743-13 GB  |
| DIN       | 51517-3 CLP |     |             |

### Properties

|                                | Method | Unit               | Typical |
|--------------------------------|--------|--------------------|---------|
| ISO Viscosity Grade            | -      | -                  | 220     |
| Colour                         | D 1500 | -                  | L 3.0   |
| Density, 15 °C                 | D 4052 | g/ml               | 0.894   |
| Kinematic Viscosity, 40 °C     | D 445  | mm <sup>2</sup> /s | 215     |
| Kinematic Viscosity, 100 °C    | D 445  | mm <sup>2</sup> /s | 18.2    |
| Viscosity Index                | D 2270 | -                  | 93      |
| Pour Point                     | D 97   | °C                 | -9      |
| Flash Point, COC               | D 92   | °C                 | 260     |
| Rust Test, Proc. A and B, 24 h | D 665  | -                  | pass    |
| Copper Strip, 3 h, 100 °C      | D 130  | -                  | 1A      |

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

### Remarks

Tackiness components may cause filter blocking (Bejur filter systems), in that case Q8 Wagner NS is recommended.