

Q8 Schumann G 220

Outstanding fully synthetic industrial PAO-based gear oil

Description

Q8 Schumann G 220 is an outstanding fully synthetic industrial gear oil based on the PAO-technology. This leads to increased energy savings and reduced oil consumptions. The Q8 Schumann G 220 has an outstanding cold start ability and extended drain periods up to 4 times compared to mineral oils. This oil meets the current industry standards and manufacturer requirements for gear lubricants.

Applications

Q8 Schumann G 220 is used in moderate loaded industrial gearboxes and common industrial applications that require longer drain properties compared to other mineral oils.

Benefits

- Limited oil consumption which generates a reduced maintenance cost
- Decreased downtime thanks to increased maintenance efficiency
- Excellent synthetic oil
- Outstanding oxidation stability
- Excellently suitable for applications in a broad temperature spectrum
- Excellent protection against wear

Specifications & Approvals

| | | | |
|-----------|----------------|-----|-----------------|
| ANSI/AGMA | 9005-F16 | ISO | 12925-1 CKC-CKD |
| DIN | 51517-3 CLP-HC | ISO | 12925-1 CKE |

Properties

| | Method | Unit | Typical |
|------------------------------------|-----------|--------------------|-------------|
| ISO Viscosity Grade | - | - | 220 |
| Density, 15 °C | D 4052 | g/ml | 0,845 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 220 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 26.6 |
| Viscosity Index | D 2270 | - | 154 |
| Total Acid Number | D 974 | mg KOH/g | 0.72 |
| Pour Point | D 97 | °C | -39 |
| Flash Point, COC | D 92 | °C | 266 |
| Colour | D 1500 | - | L 1.0 |
| Ash | D 482 | % mass | <0.01 |
| Sulfated Ash | D 874 | % mass | 0.04 |
| Emulsion, Distilled Water, 82.2 °C | D 1401 | - | 40-40-0(15) |
| Foam, 5 min blowing, seq. 1-2-3 | D 892 | ml | 15/10/10 |
| Foam, 10 min settling, seq. 1-2-3 | D 892 | ml | 0/0/0 |
| Rust Test, Proc. A and B, 24 h | D 665 | - | pass |
| FZG Test, A/8.3/90 | DIN 51354 | load stage | pass 12 |

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

Remarks

Miscible and compatible with mineral and PAO-based gear oils