

Q8 Gade SFX 220

Fully synthetic industrial PAG-based gear oil meeting Siemens Flender

Description

Q8 Gade SFX 220 is a fully synthetic industrial PAG-based gear oil recognized by Siemens Flender. This superior oil reaches the highest level of gearbox protection and consists of a perfect balance of anti-wear and extreme pressure additives. Q8 Gade SFX 220 has exceptional friction characteristics, extended oil drainage intervals and excellent low temperature properties.

Applications

Q8 Gade SFX 220 is used in heavily loaded industrial gearboxes operating in rough conditions such as paper and steel mills, cement and mining, plastic extrusion and injection, aerators and agitators. It is also applied in planetary, helical and worm gearboxes.

Benefits

- Extends service life time thus minimal costs and maximal efficiency
- Enhanced efficiency of operations, equipment and machines
- Minimizes downtime which leads to a higher maintenance efficiency
- Exceptional thermal durability
- Superior oxidation stability
- Extremely suitable for applications in a broad temperature spectrum
- Superior friction reduction
- Extreme wear protection
- Highest level of protection (load stage 10) at 60°C and 90°C

Specifications & Approvals

| | | | |
|------------|-----------------|------------------------|-------------|
| DIN | 51517-3 CLP-PG | ISO | 12925-1 CKE |
| ISO | 12925-1 CKC-CKD | Siemens Flender | |

Properties

| | Method | Unit | Typical |
|-------------------------------|-----------|--------------------|---------|
| ISO Viscosity Grade | - | - | 220 |
| Density, 15 °C | D 4052 | g/ml | 1.057 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 226 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 42 |
| Viscosity Index | D 2270 | - | 242 |
| Pour Point | D 97 | °C | -42 |
| Flash Point, COC | D 92 | °C | >=220 |
| FZG Test, A/8.3/90 | DIN 51354 | load stage | >14 |
| FZG Grey Staining Test, 60 °C | FVA 54-7 | load stage | 10 |
| FZG Grey Staining Test, 90 °C | FVA 54-7 | load stage | 10 |

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

Remarks

When used in high temperatures, the usage of fluoro-silicone or vinyl methyl polysiloxane seal and gasket material is recommended.