# Q8 El Greco 100

## Application
- Industrial gear drives.
- Windturbine gears.

## Specifications
- DIN 51517 part 3, category CLP
- ISO 12925-1, Type CKC-CKD
- AGMA 9005-E02
- Jahnel-Kestermann Getriebewerke GmbH & Co. KG

## Benefits
- Long life gear lubricant
- Compatible with mineral oils
- Compatible with normally used elastomers
- Energy saving and friction reduction
- Outstanding low temperature start ability
- Reduced wear under boundary lubrication conditions

## References
- Q8 El Greco exceeds current Standards for gear lubricants, and provides highest obtainable performance in the grey staining test
- Q8 El Greco is approved by Jahnel-Kestermann for industrial gear and windturbine gear applications.
- Q8 El Greco is approved by Rexroth Bosch Group (Lohmann + Stolterfoht)

| Properties | Method | Unit | Typical |
|---|---|---|---|
| ISO Viscosity Grade | - | - | 100 |
| Absolute Density, 15 °C | D 4052 | kg/m³ | 856 |
| Kinematic Viscosity, 40 °C | D 445 | mm²/s | 100 |
| Kinematic Viscosity, 100 °C | D 445 | mm²/s | 13.2 |
| Viscosity Index | D 2270 | - | 130 |
| Flash Point | D 92 | °C | 236 |
| Pour Point | D 97 | °C | -30 |
| Rust Test, Procedure A, 24 h | D 665 | - | Pass |
| Total Acid Number | D 974 | mg KOH/g | 1.1 |
| Foam, 5 min blowing, seq. 1/2/3 | D 892 | ml | 5/10/5 |
| 10 min settling, seq. 1/2/3 | | ml | 0/0/0 |
| Air Release, 90 °C | DIN 51381 | min | 7 |
| FZG Test, A/8.3/90 | DIN 51354 | load stage | Pass 12 |
| FZG Test, A/16.6/90 | DIN 51354 | load stage | Pass 10 |
| FZG Test, A/16.6/140 | DIN 51354 | load stage | |
| FZG Grey Staining Test, 90 °C | FVA 54/7 | load stage | |
| FZG Grey Staining Test, 60 °C | FVA 54/7 | load stage | |

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