

# Q8 EL Greco

## Application

Q8 EL Greco are PAO based synthetic products designed for industrial gear drives and wind turbine gears.

## Specifications

- DIN 51517, category CLP (1989)
- ISO 12925-1, Type CKC-CKD
- AGMA 9005-D94 (5EP, 6EP & 7EP)
- Jahnel-Kestermann Getriebewerke GmbH & Co. KG

## 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 Flender AG for industrial gear applications, except the glycol filled worm gears
- 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)

## 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

## Typical Inspection Data

	Method	Units	Inspection Data		
<b>Q8 EL Greco</b>			<b>150</b>	<b>220</b>	<b>320</b>
ISO Viscosity Grade	-	-	150	220	320
Absolute Density, 15 °C	D 4052	kg/m <sup>3</sup>	875	878	881
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	150	220	320
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	17.72	23.7	31.7
Viscosity Index	D 2270	-	130	134	138
Flash Point	D 92	°C	260	256	258
Pour Point	D 97	°C	-30	-24	-30
Rust Test, Procedure A, 24 h	D 665	-	Pass	Pass	Pass
Total Acid Number	D 974	mg KOH/g	1.1	1.1	1.1
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	5/10/5	15/10/10	20/10/20
10 min settling, seq. 1/2/3		ml	0/0/0	0/0/0	0/0/0
Air Release, 90 °C	DIN 51381	min	7	9	13
FZG Test, A/8.3/90	DIN 51354	load stage	Pass 14	Pass 14	Pass 14
FZG Test, A/16.6/90	DIN 51354	load stage	Pass 10	Pass 10	Pass 12
FZG Test, A/16.6/140	DIN 51354	load stage			Pass 12
FZG Grey Staining Test, 90 °C	FVA 54/7	load stage			Pass 10
FZG Grey Staining Test, 60 °C	FVA 54/7	load stage			Pass 10

## Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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**Kuwait Petroleum International Lubricants (UK) Ltd**

Knowsthorpe Gate, Leeds LS9 0NP. UK

For further assistance contact the Technical help line Telephone +44 (0) 113 2365 223, Fax +44 (0) 870 238 4673

For Customer Sales Contact, Tel +44 (0) 113 2365 204, Fax +44 (0) 113 2485 026. [www.Q8Oils.co.uk](http://www.Q8Oils.co.uk)

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technical data