

Q8 El Greco 460

Excellent synthetic industrial gear oil based on PAO-technology

Description

Q8 El Greco 460 is an excellent synthetic industrial gear oil based on the Poly-Alpha-Olefin (PAO) technology. This technology leads to an increased energy saving and a maximal friction reduction. The composition of the Q8 El Greco 460 results in an outstanding performance in the grey staining test and guarantees a long lubricant lifetime.

Applications

Q8 El Greco 460 is perfect for use in heavily industrial gearboxes operating in rough conditions such as wind turbines, paper and steel mills, cement and mining, plastic extrusion and injection, aerators and agitators and chemical process industry.

Benefits

- Extends service life time thus minimal costs and maximal efficiency
- Enhanced efficiency of operations, equipment and machines
- Exceptional anti-wear characteristics
- Highly appropriate for applications under heavy conditions
- Outstanding oxidation stability
- Excellently recommended in a wide range of temperatures
- Excellent synthetic oil
- Excellent friction reduction

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	-	-	460
Density, 15 °C	D 4052	g/ml	0,884
Kinematic Viscosity, 40 °C	D 445	mm²/s	460
Kinematic Viscosity, 100 °C	D 445	mm²/s	42.2
Viscosity Index	D 2270	-	146
Total Acid Number	D 974	mg KOH/g	1.1
Pour Point	D 97	°C	-27
Flash Point, COC	D 92	°C	264
Air Release, 75 °C	D 3427	min	15
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	20/30/10
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
Copper Strip, 3 h, 100 °C	D 130	-	1
FZG Test, A/8.3/90	DIN 51354	load stage	Pass 14
FZG Test, A/16.6/90	DIN 51354	load stage	Pass 12
FZG Test, A/16.6/140	DIN 51354	load stage	Pass 12
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

Miscible and compatible with mineral and PAO-based gear oils.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 El Greco 460 is **1.85** kg CO₂eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

