PRODUCT DATA SHEET

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*
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 CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
For more info check here

we take care