PRODUCT DATA SHEET

Q8 Schumann G 320

Outstanding fully synthetic industrial PAO-based gear oil

Description

Q8 Schumann G 320 is an outstanding fully synthetic industrial gear oil based on the PAO-technology. This leads to increased energy savings and reduced oil consumptions. The Q8 Schumann G 320 has an outstanding cold start ability and extended drain periods up to 4 times compared to mineral oils. This oil meets the current industry standards and manufacturer requirements for gear lubricants.

Applications

Q8 Schumann G 320 is used in moderate loaded industrial gearboxes and common industrial applications that require longer drain properties compared to other mineral oils.

Benefits

- *Limited oil consumption which generates a reduced maintenance cost*
- *Decreased downtime thanks to increased maintenance efficiency*
- *Excellent synthetic oil*
- *Outstanding oxidation stability*
- *Excellently suitable for applications in a broad temperature spectrum*
- *Excellent protection against wear*

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	*-*	*-*	*320*
Density, 15 °C	*D 4052*	*g/ml*	*0,848*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*320*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*35.3*
Viscosity Index	*D 2270*	*-*	*156*
Total Acid Number	*D 974*	*mg KOH/g*	*0.72*
Pour Point	*D 97*	*°C*	*-33*
Flash Point, COC	*D 92*	*°C*	*270*
Colour	*D 1500*	*-*	*L 1.0*
Ash	*D 482*	*% mass*	*<0.01*
Sulfated Ash	*D 874*	*% mass*	*0.04*
Emulsion, Distilled Water, 82.2 °C	*D 1401*	*-*	*40-40-0(20)*
Foam, 5 min blowing, seq. 1-2-3	*D 892*	*ml*	*20/10/20*
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*
Four Ball Wear, 392 N, 75 °C, 1200 rpm	*D 4172*	*mm*	*0.48*
FZG Test, A/8.3/90	*DIN 51354*	*load stage*	*pass 12*

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 Schumann G 320 is **2.06** 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