

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	mm ² /s	320
Kinematic Viscosity, 100 °C	D 445	mm ² /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