

Q8 Schumann G 220

Outstanding fully synthetic industrial PAO-based gear oil

Description

Q8 Schumann G 220 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 220 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 220 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	-	-	220
Density, 15 °C	D 4052	g/ml	0,845
Kinematic Viscosity, 40 °C	D 445	mm ² /s	220
Kinematic Viscosity, 100 °C	D 445	mm ² /s	26.6
Viscosity Index	D 2270	-	154
Total Acid Number	D 974	mg KOH/g	0.72
Pour Point	D 97	°C	-39
Flash Point, COC	D 92	°C	266
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(15)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	15/10/10
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 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 220 is **2.06** 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](#)



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