

## Q8 Goya 100

Classic performance industrial gear oil

### Description

Q8 Goya 100 is an advanced mineral oil that meets the current standards for gear lubricants and provides high industrial performance. Its oxidation and thermal stability guarantee a long service life of the lubricant. Q8 Goya 100 provides an optimum wear and corrosion protection under all conditions and has a minimal downtime thanks to a high load carrying capacity.

### Applications

Q8 Goya 100 is used in mid to high loaded industrial gearboxes, paper and steel mills, cement and mining, plastic extrusion and injection, aerators and agitators. It is also applied in non-gear applications including shaft couplings, screws and mid to high loaded plains and rolling contact bearings (slow to medium speed).

### Benefits

- Minimizes downtime which leads to a higher maintenance efficiency
- Advanced anti-wear characteristics
- Advanced protection against corrosion
- Highly resistant to oil deterioration

### Specifications & Approvals

<b>ANSI/AGMA</b>	9005-F16	<b>ISO</b>	12925-1 CKC-CKD
<b>DIN</b>	51517-3 CLP		

### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	100
Density, 15 °C	D 4052	g/ml	0,886
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	100
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	11.20
Viscosity Index	D 2270	-	98
Pour Point	D 97	°C	-30
Flash Point, COC	D 92	°C	236
Colour	D 1500	-	L 2.0
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/0/0
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	-	1a
Four Ball Test, Weld Load	IP 239	N	4000
Four Ball Wear, 196 N, 54 °C, 1800 rpm	D 4172	mm	0.26
Timken, OK Load	D 2782	N	265
Mean Hertz Load	-	N	536
FZG Test, A/8.3/90	DIN 51354	load stage	>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.