

Q8 Goya 680

Classic performance industrial gear oil

Description

Q8 Goya 680 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 680 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 680 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 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

ANSI/AGMA
DIN

9005-F16
51517-3 CLP

Danieli
ISO

Standard 0.000.001-R15 (2020)
12925-1 CKC-CKD

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	680
Density, 15 °C	D 4052	g/ml	0,906
Kinematic Viscosity, 40 °C	D 445	mm ² /s	680
Kinematic Viscosity, 100 °C	D 445	mm ² /s	39.3
Viscosity Index	D 2270	-	96
Total Acid Number	D 974	mg KOH/g	0.5
Pour Point	D 97	°C	-9
Flash Point, COC	D 92	°C	250
Carbon Residue	D 524	% mass	1.35
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	0.33
Timken, OK Load	D 2782	N	311
Mean Hertz Load	-	N	592
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.