PRODUCT DATA SHEET

Q8 Goya 220

Classic performance industrial gear oil

Description

Q8 Goya 220 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 220 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 220 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

Features

Advanced anti-wear characteristics

Advanced protection against corrosion

Highly resistant to oil deterioration

Specifications & Approvals

ANSI/AGMA	9005-E02	**Danieli**	Standard 0.000.001-R15 (2020)
DIN	51517-3 CLP	**ISO**	12925-1 CKC-CKD

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	220
Density, 15 °C	D 4052	g/ml	0,895
Kinematic Viscosity, 40 °C	D 445	mm^2/s	220
Kinematic Viscosity, 100 °C	D 445	mm^2/s	18.90
Viscosity Index	D 2270	-	96
Total Acid Number	D 974	mg KOH/g	0.5
Pour Point	D 97	°C	-21
Flash Point, COC	D 92	°C	246
Colour	D 1500	-	L 2.5
Carbon Residue	D 524	% mass	0.30
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	267
Mean Hertz Load	-	N	586
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.