

Q8 Goya 46

Classic performance industrial gear oil

Description

Q8 Goya 46 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 46 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 46 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 (medium to high 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	ISO	12925-1 CKC-CKD
DIN	51517-3 CLP		

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	0,879
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	6.68
Viscosity Index	D 2270	-	97
Total Acid Number	D 974	mg KOH/g	0.5
Pour Point	D 97	°C	-30
Flash Point, COC	D 92	°C	218
Colour	D 1500	-	L 1.0
Carbon Residue	D 524	% mass	0.17
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	0.21
Timken, OK Load	D 2782	N	223
Mean Hertz Load	-	N	461
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.