

## Q8 Goya NT 460

Outstanding performance industrial gear oil

### Description

Q8 Goya NT 460 is an outstanding mineral industrial gear oil. It has an excellent protection to wear in the most severe conditions and exceeds the current standards for gear lubricants. Q8 Goya NT 460 provides the highest obtainable performance in the grey staining test. The oxidation resistance and thermal degradation leads to limited downtime.

### Applications

Q8 Goya NT 460 is used in heavily loaded industrial gearboxes operating in harsh conditions such as wind turbines, paper and steel mills, cement and mining, plastic extrusion and injection, aerators and agitators. Q8 Goya NT 460 is also used in non-gear applications including shaft couplings, screws, heavily loaded plain and rolling contact bearings (slow to medium speed).

### Benefits

Lower downtime and an improved maintenance efficiency

Extends service life time thus minimal costs and maximal efficiency

### Features

Outstandingly appropriate for applications under heavy conditions

Excellent high load carrying capacity

Outstanding performance against wear

Highly resistant to oil deterioration

### Specifications & Approvals

<b>ANSI/AGMA DIN</b>	9005-E02 51517-3 CLP	<b>ISO</b>	12925-1 CKC-CKD
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### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	460
Density, 15 °C	D 4052	g/ml	0,898
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	460
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	30.50
Viscosity Index	D 2270	-	96
Total Acid Number	D 974	mg KOH/g	1.1
Pour Point	D 97	°C	-12
Flash Point, COC	D 92	°C	250
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	20/10/20
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 Grey Staining Test, 60 °C	FVA 54-7	load stage	10
FZG Grey Staining Test, 90 °C	FVA 54-7	load stage	10
FZG Test, A/16.6/140	DIN 51354	load stage	12
FZG Test, A/16.6/90	DIN 51354	load stage	Pass 12
FZG Test, A/8.3/90	DIN 51354	load stage	Pass 14

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.