

Q8 Goya NT 320

Outstanding performance industrial gear oil

Description

Q8 Goya NT 320 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 320 provides the highest obtainable performance in the grey staining test. The oxidation resistance and thermal degradation leads to limited downtime.

Applications

Q8 Goya NT 320 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 320 is also used in non-gear applications including shaft couplings, screws, heavily loader 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
- Outstandingly appropriate for applications under heavy conditions
- Excellent high load carrying capacity
- Outstanding performance against wear
- Highly resistant to oil deterioration

Specifications & Approvals

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

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	320
Density, 15 °C	D 4052	g/ml	0,897
Kinematic Viscosity, 40 °C	D 445	mm ² /s	320
Kinematic Viscosity, 100 °C	D 445	mm ² /s	24.22
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	248
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
Copper Strip, 3 h, 100 °C	D 130	-	1
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.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Goya NT 320 is **1.25** kg CO₂eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

