PRODUCT DATA SHEET

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*	*mm²/s*	*320*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/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 CO_2eq / 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

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