

Q8 Goya 460

Classic performance industrial gear oil

Description

Q8 Goya 460 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 460 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 460 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
- Advanced anti-wear characteristics
- Advanced protection against corrosion
- Highly resistant to oil deterioration

Specifications & Approvals

ANSI/AGMA	9005-E02 7 EP	Danieli	Standard 0.000.001-R15 (2023)
ANSI/AGMA	9005-F16	ISO	12925-1 CKC-CKD
DIN	51517-3 CLP		

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	460
Colour	D 1500	-	3
Density, 20 °C	D 4052	g/ml	0,899
Density, 15 °C	D 4052	g/ml	0,903
Kinematic Viscosity, 40 °C	D 445	mm ² /s	460
Kinematic Viscosity, 100 °C	D 445	mm ² /s	31,8
Viscosity Index	D 2270	-	100
Pour Point	D 97	°C	-12
Flash Point, COC	D 92	°C	246
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/20/10
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
Four Ball Test, Weld Load	IP 239	N	4000
Timken, OK Load	D 2782	N	267
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.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Goya 460 is **1.23** 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

