

Q8 Huygens 46

Excellent zinc-free detergent hydraulic oil with high viscosity index

Description

The Q8 Huygens 46 is an excellent zinc-free hydraulic oil with extensive detergent and dispersant functionalities. This oil keeps the hydraulic systems clean without losing the hydraulic properties and helps to disperse contaminants, water and other deposits. The Q8 Huygens 46 has a high viscosity index (>150) and outstanding filterability properties.

Applications

The Q8 Huygens 46 is perfect for usage for hydraulic systems in off-road applications and mobile equipment. Thanks to its detergent functionalities, this oil is the ideal solution for hydraulic systems where water and pollution can be a problem. It is also applied in sensitive hydraulics servo systems and robotics industry.

It can be used in the most extreme temperatures.

Benefits

- Decreased downtime thanks to increased maintenance efficiency
- Extensive oil drain interval for a longer lubricant lifetime
- Emulsifies entrained water
- Excellent cleaning properties
- Highly suitable for applications in a broad temperature spectrum
- Outstanding oxidation stability
- Zinc excluded technology
- High viscosity index

Specifications & Approvals

DIN 51524-3 HVLPD ISO 11158 HV

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	0,873
Colour	D 1500	-	L 1.0
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	8.36
Viscosity Index	D 2270	-	159
Total Acid Number	D 974	mg KOH/g	0.3
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	222
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/10/0
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	-	1
Oxidation stability, Time to 2.0 TAN	D 943	hrs	>2500
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.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Huygens 46 is **1.32** 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

