

Q8 Holbein Bio Long Life 46

Synthetic ester-based hydraulic oil with high biodegradability.

Description

Q8 Holbein Bio Long Life 46 is an exceptional synthetic hydraulic fluid based on saturated esters for year-around use in mobile and stationary hydraulic systems. Thanks to its characteristics, it can be used in sensitive areas and in a wide temperature range. This product is highly biodegradable and contains ashless (zinc-free) anti-wear additives. Q8 Holbein Bio Long Life is listed on the Swedish RISE list.

Applications

Q8 Holbein Bio Long Life 46 is perfect for hydraulic systems in environmentally sensitive areas such as in agriculture, forestry and marine.

Benefits

- Long drain interval capability.
- Readily biodegradable
- Label free product
- Eco-friendly and limited impact on the environment
- Free of harmful components
- Zinc-free additives

Specifications & Approvals

Bosch Rexroth
Energreen

RE 90221 notes

ISO
Swedish Standard

15380 HEES
SS 155434 AV

Properties

	Method	Unit	Typical
Viscosity Grade	-	-	46
Density, 20 °C	D 4052	g/ml	0.916
Kinematic Viscosity, 40 °C	D 445	mm ² /s	44.1
Kinematic Viscosity, 100 °C	D 445	mm ² /s	8.4
Viscosity Index	D 2270	-	169
Flash Point, COC	D 92	°C	240
Pour Point	D 97	°C	-60
Copper Strip, 3 h, 100 °C	D 130	-	1b
Iodine value	-	-	<5
Biodegradability, 28 days	OECD 301 B	%	readily

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 Holbein Bio Long Life 46 is **1.28 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](#)

