

Q8 Handel D 46

Zinc-based detergent hydraulic oil with very high viscosity index

Description

Q8 Handel D 46 is an excellent zinc-based hydraulic oil used in a broad range of temperatures and applications. Its very high viscosity index (>180) leads to outstanding flow properties. Q8 Handel D 46 improves the dispersion of contaminants, water and other deposits that might affect the hydraulic system. The oil is suitable for off-road equipment and applications where water can be an issue.

Applications

Q8 Handel D 46 is used in all season applications, off-highway equipment and industries or applications that require a high viscosity index such as paper, steel, cement and mining industry. Q8 Handel D 46 is recommended for equipment where the hydraulic systems might be subject to water or potential pollution.

Benefits

- Increased equipment lifetime thus less downtime of machinery
- Perfect for use during all seasons
- Emulsifies entrained water
- Excellent cleaning characteristics
- Outstanding protection against corrosion
- Excellently high viscosity index
- Highly suitable for applications in a broad temperature spectrum

Specifications & Approvals

Bosch Rexroth
DIN

RE 90220 notes
51524-3 HVLDPD

Eaton Brochure

03-401-2010

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Density, 15 °C	D 4052	g/ml	876
Colour	D 1500	-	L1.0
Kinematic Viscosity, 40 °C	D 445	mm ² /s	49.44
Kinematic Viscosity, 100 °C	D 445	mm ² /s	9.78
Viscosity Index	D 2270	-	188
Pour Point	D 97	°C	-45
Flash Point, COC	D 92	°C	190
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/50/50
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	-	1a

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 Handel D 46 is **1.50** 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

