

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 HVLPD

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.