

Q8 Handel 15

Zinc-based hydraulic oil with very high viscosity index

Description

Q8 Handel 15 is an excellent zinc-based hydraulic oil that is suitable for a wide range of temperatures and applications. Thanks to its very high viscosity index of >210, the zinc-based oil has exceptional flow properties. The high oxidation stability assures an extended drain interval and lubricant life. Q8 Handel 15 is used in demanding applications that require very high viscosity index oils.

Applications

Q8 Handel 15 is used in all season applications, off-highway equipment. It is also applied in industries and applications requiring high viscosity index oils, such as in paper, steel, cement, mining industry.

Benefits

Lower downtime and an improved maintenance efficiency

Extends service life time thus minimal costs and maximal efficiency

Features

Zinc included technology

Exceptionally high viscosity index

Optimum air release

Outstandingly resistant to oil deterioration

Exceptionally suitable for use in all seasons

Optimum separation of water

Specifications & Approvals

**Bosch Rexroth
DIN**

RE 90220 notes
51524-3 HVLP

**Eaton Brochure
ISO**

03-401-2010
11158 HV

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	15
Density, 15 °C	D 4052	g/ml	0,869
Colour	D 1500	-	L 0.5
Kinematic Viscosity, 40 °C	D 445	mm ² /s	15.53
Kinematic Viscosity, 100 °C	D 445	mm ² /s	4.39
Viscosity Index	D 2270	-	215
Pour Point	D 97	°C	-60
Total Acid Number	D 974	mg KOH/g	0.52
Total Acid Number	D 664	mg KOH/g	0.1 after 1000h
Flash Point, COC	D 92	°C	152
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (20 min)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	60/30/60
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.