

## Q8 Holbein NWG 32

Eco-friendly synthetic ester-based hydraulic oil for aquatic environments

### Description

Q8 Holbein NWG 32 is a superior synthetic ester-based lubricant that assures a long service lifetime. The lubricant has a non-classified NWG and is used when aquatic life may not be endangered. Q8 Holbein NWG 32 has a very high viscosity index which leads to excellent flow properties in all temperatures.

### Applications

Q8 Holbein NWG 32 is perfect for rough hydraulic systems in environmentally delicate areas such as agriculture, forestry, water works and marine.

### Benefits

- Limited impact on the environment
- Free of hazardous components
- Readily biodegradable
- Does not contain zinc

### Specifications & Approvals

<b>Bosch Rexroth</b>	RE 90221 notes	<b>ISO</b>	11158 HV
<b>DIN</b>	51524-3 HVL P	<b>ISO</b>	15380 HEES

### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	32
Density, 15 °C	D 4052	g/ml	0,933
Colour	D 1500	-	L 1.0
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	34.2
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	7.00
Viscosity Index	D 2270	-	170
Total Acid Number	D 974	mg KOH/g	1.0
Pour Point	D 97	°C	-45
Flash Point, COC	D 92	°C	262
Air Release, 50 °C	D 3427	min	1
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (15)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/0/0
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
Biodegradability, 28 days	OECD 301 B	%	>60

The figures above are not a specification. They are typical figures obtained within production tolerances.