

Q8 Vermeer WD

Paper machine circulating oil



Product Data Sheet

Application

Q8 Vermeer WD is based on the next generation additive technology to meet the latest, high demands of the paper industry. It is special designed and tested to give the paper industry the highest levels of protection and productivity to ensure operating reliability 24/7.

Benefits

Q8 Vermeer WD designed for the lubrication of paper machines at the wet and dry end up to temperatures of 120°C. It is formulated to give high levels of wear protection, demulsibility, filterability, rust & oxidation protection, thermal stability and heat dissipation. Q8 Vermeer also has excellent air release properties to counteract the bubbles generated by turbulence of greater oil flow through the bearings. This increases the efficiency of the lubrication and the lifetime of the machine bearings and lubricating oil.

The technology used in the Q8 Vermeer WD has been designed to prevent and reduce deposit formation causing filter blocking and bearing corrosion. It also prevents lacquer forming and has a high thermal resistance to prevent corrosion caused by the forming of reactive ageing products.

Q8 Vermeer WD has well balanced properties for Wet and Dry-end:

Q8 Vermeer WD has excellent Wet-end properties:

- Good anti-corrosive properties.
- Good filterability.
- Good water separation / removal.
- Hydrolytic stability.
- Oxidation stability.
- Good Air release.
- Anti-wear / EP-Weld performance.
- Compatibility with elastomers and plastics.
- Compatibility with process chemicals.

Q8 Vermeer WD has excellent Dry-end properties:

- High oxidation stability.
- Good thermal stability.
- Resistance to sludge formation.
- Low deposit forming tendency.
- Anticorrosion and anti-rust at higher temperatures.
- Good anti-wear / Good EP-performance.
- Good filterability.
- Water separation.
- Air release.
- Good anti-foam properties.
- Compatibility with elastomers and plastics.
- Compatibility with process chemicals.



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Specification

Meets the requirements of:

- Metso
- Voith Paper
- SKF
- FAG Dynamic PM test

Typical properties

	Method	Units	Inspection Data		
Q8 Vermeer WD			150	220	320
ISO Viscosity Grade	-	-	150	220	320
Absolute Density, 15 °C	D 4052	kg/m ³	887	888	896
Kinematic Viscosity, 40 °C	D 445	mm ² /s	150	220	320
Kinematic Viscosity, 100 °C	D 445	mm ² /s	14.70	19.0	24.3
Viscosity Index	D 2270	-	97	97	97
Flash Point	D 92	°C	262	268	280
Emulsion	D 1401	ml	40-40-0 (20)	40-40-0 (20)	40-40-0 (20)
Rust Test, Proc. A and B, 24 h	D 665	-	pass	pass	pass
Foam	D 892	-			
5 min blowing, seq. 1/2/3		ml	10/10/10	10/10/10	10/10/10
10 min settling, seq. 1/2/3		ml	0/0/0	0/0/0	0/0/0
Copper Strip, 3 h, 100 °C	D 130	-	1A	1A	1A
Filterability					
Dynamic FAG PM Test	-	-	pass	pass	pass
AFNOR filtration NFE 48690/1(5μ)	ISO 13357-2	-	pass	pass	pass

