

## Q8 Vermeer WDS 320

Superior synthetic paper machine circulating oil

### Description

Q8 Vermeer WDS 320 is a superior synthetic circulating oil that meets the highest demands of the paper industry. The exceptional quality from the base oil ensures continuous production (24/7), extends maintenance service intervals and improves overall machine performance. Q8 Vermeer WDS 320 offers extreme wear protection, thermal stability and has outstanding air release properties.

## **Applications**

Q8 Vermeer WDS 320 is used in lubrication systems where steam pressures and bearings temperatures are very high. It is applied for the lubrication of industrial paper machine circulating systems (wet- and dry-end, passing 120°C). The oil exceeds the requirements of Valmet Paper and Voith Paper. It is also used in lightly to moderately loaded gearbox applications (FZG gear test = 12).

#### **Benefits**

- Minimizes downtime which leads to a higher maintenance efficiency
- Extensive oil drain interval for a longer lubricant lifetime
- Superior reduction of varnishing
- Extremely resistant to oil deterioration
- · Excellent separation of water
- · Excellent release of entrained air bubbles
- Superior synthetic oil

## **Properties**

	Method	Unit	Typical
ISO Viscosity Grade	-	-	320
Density, 15 °C	D 4052	g/ml	0,881
Kinematic Viscosity, 40 °C	D 445	mm²/s	320
Kinematic Viscosity, 100 °C	D 445	mm²/s	35.4
Viscosity Index	D 2270	-	157
Flash Point, COC	D 92	°C	260
Emulsion, Distilled Water, 82.2 °C	D 1401	-	40-40-0 (10)
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/10/10
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 (Q80ils state of the art facility in Belgium), of Q8 Vermeer WDS 320 is **1.24** kg CO $_2$ eq / kg. Please contact Q80ils to learn more about the positive environmental impact, the handprint, of this product. For more info check here

