PRODUCT DATA SHEET

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.