

Q8 Vermeer WDS 220

Superior synthetic paper machine circulating oil

Description

Q8 Vermeer WDS 220 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 220 offers extreme wear protection, thermal stability and has outstanding air release properties.

Applications

Q8 Vermeer WDS 220 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

Features

Superior reduction of varnishing

Excellent separation of water

Excellent release of entrained air bubbles

Superior synthetic oil

Extremely resistant to oil deterioration

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	220
Density, 15 °C	D 4052	g/ml	0,878
Kinematic Viscosity, 40 °C	D 445	mm ² /s	220
Kinematic Viscosity, 100 °C	D 445	mm ² /s	26.8
Viscosity Index	D 2270	-	156
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.