



Circulating oil for the wood/paper industry.

APPLICATIONS

Circulating oils

- **MISOLA ZS** are high performances oils for industrial paper machine circulation systems lubrication. They are especially designed for chemical aggressive contamination. MISOLA ZS provide high protection against corrosion, wearing, and extend equipments life time like:
 - journals of drier cylinders,
 - plain bearings or rollers bearings, reduction drives under medium loads, operating in hot, wet conditions.

SPECIFICATIONS

International Specifications Manufacturers

- Is in compliance with the requirements from :
- METSO
 - SKF

ADVANTAGES

- Recommended for continuous operation at temperatures up to 125°C.
- Very good wear protection : improved gear and bearing performance.
- No deposit formation at high temperature, keeps circuits extremely clean: high resistance to oxidation and good thermal stability.
- Excellent performance in the presence of water: good water separation properties and excellent filtrability with or without water.
- Excellent price/performance ratio.
- Very good anti-corrosion properties.
- Longer life than mineral oils.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MISOLA ZS		
			150	220	320
Density at 15 °C	ISO 3675	Kg/m ³	881	883	885
Viscosity at 40 °C	ISO 3104	mm ² /s	150	220	320
Visosity index	ISO 2909	-	107	121	128
Flash point (open cup)	ISO 2592	°C	258	260	242
SKF Rollen test at 120 °C	SKF	-	pass	Pass	pass
Filterability/Wet conditions 3 µm	ISO 13357-1	IF	-	1.06	-
FZG A/8.3/90	ISO 14635-1	fail stage	12	12	12

Above characteristics are mean values given as an information.

