

Misola MAP ZS

Circulating oil for the wood/paper industry

APPLICATIONS

- Misola MAP ZS are high performances oils for industrial paper machine circulation systems lubrication. They are especially designed for chemical aggressive contamination. Misola MAP ZS provide high protection against corrosion, wearing, and extend equipment's lifetime such as:
 - journals of drier cylinders
 - plain bearings or rollers bearings, reduction drives under medium loads, operating in hot, wet conditions.

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 filterability with or without water.
- Excellent price/performance ratio.
- Very good anti-corrosion properties.
- Longer life than mineral oils.

APPROVALS

Meets the requirements of:

- METSO
- SKF

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Misola MAP ZS		
			100	150	220
Density at 15°C	kg/m ³	ISO 3675	881	883	885
Viscosity at 40°C	mm ² /s	ISO 3104	150	220	320
Viscosity index	-	ISO 2909	107	121	128
Flash point OC	°C	ISO 2592	258	260	242
SKF Rollen test at 120 °C	-	SKF	Pass	Pass	Pass
Filterability/Wet conditions 3 µm	IF	ISO 13357-1	-	1.06	-
FZG A/8.3/90	Fail stage	ISO 14635-1	12	12	12

For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sds.totalms.total.com>