

MISOLA MAP



Lubrication



Semi-synthetic circulating oil for the wood/paper industry.

APPLICATIONS

Semi-synthetic circulating oils

- **MISOLA MAP** oils are semi-synthetic oils especially designed for the industrial paper machine circulation systems.
 - journals of drier cylinders,
 - plain bearings or rollers bearings, reduction drives under medium loads, operating in hot, wet conditions.
- Hydraulic circuits with deflection-compensating roll: calenders, softcalenders, multi-nip presses.

SPECIFICATIONS

International Specifications Manufacturers

- ISO-6743/6 CKS
- ISO 6743/4 HL
- SKF ROLLEN TEST (PAPERMAKING MACHINERY)

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 MAP			
			150	220	320	460
Density at 15 °C	ISO 3675	Kg/m ³	880	870	875	882
Viscosity at 40 °C	ISO 3104	mm ² /s	154.5	220	320	460
Visosity index	ISO 2909	-	111	115	120	125
Flash point (open cup)	ISO 2592	°C	206	240	245	254
SKF Rollen test at 120 °C	SKF	-	pass	pass	pass	pass
Filterability/Wet conditions/5 µm	NFE 48691	IF	1.01	1.01	-	-

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
09-06-2004 (supersedes 11-06-2001)
MISOLA MAP
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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 down loaded from www.quick-fds.com.