

# CORTIS MS



Lubrication



Inhibited" oils for MORGOIL® type bearings.

## APPLICATIONS

Lubrication of MORGOIL® bearings

- CORTIS MS oils are particularly suitable for lubricating hydrodynamic bearings such as the MORGOIL® type bearings used for example in rolling mill cylinder bearings in the iron and steel industry.

## SPECIFICATIONS

Manufacturers' specifications

- SMS MORGOIL® New Oil Specification lubricant.
- MORGAN MORGOIL® New Oil Specification lubricant.

## ADVANTAGES

- High natural viscosity index.
- Excellent oxidation resistance.
- Very good anti-wear properties.
- Excellent demulsification.
- Very good dynamic and static corrosion properties: incorporation of anti-corrosion additives in the vapour phase.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CORTIS MS					
			220	265	320	460	550	680
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	895	900	900	905	910	915
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	220	265	320	460	550	680
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	19	21.2	24.5	31	34	36.5
Visosity index	ISO 2909	-	95	95	95	95	95	90
Open cup flash point	ISO 2592	°C	260	265	270	300	300	305
Pour point	ISO 3016	°C	- 9	- 9	- 9	- 9	- 7	- 6

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

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CORTIS MS

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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](http://www.quick-fds.com).

