CORTIS MS

Lubrication

Ashless anti-wear mineral circulating oil.

APPLICATIONS

Multipurpose anti-wear lubricant

- **CORTIS MS** is a multi purpose anti-wear circulating oil.
- **CORTIS MS** is meeting the technical requirements of hydrodynamic MORGOIL and DANIELI bearings used in rolling mills.

SPECIFICATIONS

Manufacturers' specifications

- DANIELI® BGV and ESS bearings
- MORGOIL® Standart Lubricant - SN 180 Part 3
- MORGOIL® Advanced Lubricant - SN 180 Part 4

ADVANTAGES

- Excellent oxidation and thermal stability : extended drain intervals.
- Very good desemulsibility behaviour at high and low temperature. Pass the UEC dynamic desemulsibility endurance test.
- Very good anti-wear properties.
- Non EP lubricant offering good rust and corrosion protection at high temperature.
- Ashless additivation with high hydrolytic stability : preventing deposits and maintaining good filtrabilty properties.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CORTIS MS					
			100	150	220	320	460	680
Kinematic Viscosity at 40 °C	ISO 3104	mm^2/s	100	150	220	320	460	680
Density at 15 °C	ISO 3675	kg/m^3	888	893	898	903	907	916
Viscosity Index	ISO 2909	-	98	96	95	95	95	88
Open cup flash point	ISO 2592	°C	275	285	300	300	300	320
Pour point	ISO 3016	°C	-18	-12	-12	-12	-12	-9
Desmulsibility at 82°C	ASTM D 1401	min pour 3 ml	3	3	4	6	12	15
Desemulsibility 52°C								
- free water	ASTM D 2711	ml	41	40	36	33	27	30
- water in oil		%	0.60	0.80	2.40	3.0	4.8	4
- emulsion		ml	0	0	0	0	0	1
FZG Test (failure level)	DIN 51354/2	-	12	>12	>12	>12	>12	>12

Above caracteristics are mean values given as an information

HANDLING - HEALTH - SAFETY

Please consult our MSDS on www.quifds.com