

DROSERA MS



Metalworking



Multifunctional oils for machine tools.

APPLICATIONS

- Machine tool slide ways under all conditions of speed and load.
- Hydraulic circuits for hydraulic pumps and motors.
- Gear boxes and feed mechanisms of all types with or without wet electro magnetic clutches.
- High speed machine spindles (grades 5, 10, 15 and 22) and very high speed (grade 2).
- Particularly suitable for centralized lubrication systems.
- **One wide range of lubricating products for all parts of machine tools (hydraulics, slides, gears).**
- **Simplification of storage and maintenance.**

ADVANTAGES

- **Excellent extreme-pressure properties**
- **Excellent anti-stick-slip properties**
- **Very low coefficient of friction**
- High viscosity index
- Total compatibility with seals
- Low pour point
- Very good oxidation resistance
- Very good protection against rust
- Very good anti-wear properties.
- Very good foaming resistance
- Excellent de-emulsification
- Good filterability.

TYPICAL CHARACTERISTICS	METHODS	UNITS	DROSERA MS										
			2	5	10	15	22	32	46	68	100	150	220
Density	ISO 3675	kg/m ³	802	845	845	850	860	870	880	885	886	890	900
Viscosity at 40°C	ISO 3104	mm ² /s	2.2	5	10	15	22	32	46	68	100	150	220
Viscosity index	ISO 2909	-	-	-	85	100	-21	104	104	103	100	99	99
Flash point Cleveland	ISO 2592	°C	92	130	150	150		210	230	240	250	260	260
Pour point	ISO 3016	°C	-30	-21	-21	-21		-21	-18	-15	-15	-15	-12

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

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DROSERA 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. is obtainable via your commercial adviser www.quick-fds.com.