



SLID FILM 100

SLIDEWAY LUBRICATION

MINERAL OIL

DESCRIPTION

SLID FILM 100 is a premium oil for the lubrication of machine tool slides, centralised heating oil systems and machine tool hydraulic systems.

APPLICATIONS

SLID FILM 100 is a high performances lubricating oil for slideways, hydraulic and centralized lubrication systems.

SLID FILM 100 meets various international standards for slideways, hydraulic and gear lubrication:

SLIDEWAYS

ISO 11158 category HG

ISO 6743-4 category HG

ISO 6743-13 category G

CINCINNATI MILACRON P-47 and P-50

HYDRAULICS

ISO 11158 category HM

ISO 6743-4 category HM

DIN 51524 part 2

GEARS

US STEEL 224

DIN 51517 part 3

AGMA 9005 - E02

ADVANTAGES

- High demulsification properties with soluble cutting fluids.
- Resistance to corrosion.
- Excellent adhesion.
- Anti-wear and extreme-pressure
- Suitable for lubrication of coated slides (SKC).
- Low frictional sliding coefficient.
- Prevents Stick-Slip.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SLID FILM 100
Base oil	-		
Aspect	-		Clear
Color	-	Visual	Amber
Density	-	ISO 12185	0,881
Viscosity at 40°C	mm ² /s	ISO 3104	100.0
Viscosity at 100°C	mm ² /s	ISO 3104	11.3
Viscosity index	-	ASTM D2270	100.0
Flash point	°C	ASTM D92	254.0
Pour point	°C	ASTM D97	-12.0
Copper corrosion	-	ASTM D130	1b
4 Ball test - Weld load	kg	ASTM D2783	180
4 Ball test - Wear scar	mm	NF E 48617	0,6

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.



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