



## SLID FILM 220

SLIDEWAY LUBRICATION

MINERAL OIL

### DESCRIPTION

**SLID FILM 220** is a premium oil for the lubrication of machine tool slides, centralised heating oil systems and machine tool hydraulic systems.

### APPLICATIONS

**SLID FILM 220** is a high performances lubricating oil for slideways, hydraulic and centralized lubrication systems.

**SLID FILM 220** 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

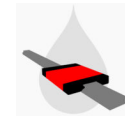
US STEEL 224

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 220
Base oil	-		
Aspect	-		Clear
Color	-	Visual	Amber
Density	-	ISO 12185	0,894
Viscosity at 40°C	mm <sup>2</sup> /s	ISO 3104	145.9
Viscosity at 100°C	mm <sup>2</sup> /s	ISO 3104	14.6
Viscosity index	-	ASTM D2270	87.0
Flash point	°C	ASTM D92	268.0
Pour point	°C	ASTM D97	-15.0
Copper corrosion	-	ASTM D130	1b
4 Ball test - Weld load	kg	ASTM D2783	315
4 Ball test - Wear scar	mm	NF E 48617	0,4

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.

**Important Notice**

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.