

UNIVERSELLE 90 MP

Deformation

DESCRIPTION

UNIVERSELLE 90 MP is a multi-purpose neat oil which was designed for severe cold forming applications.

UNIVERSELLE 90 MP is suitable for the lubrication of parts being produced on cold heading machines and is free of organo-chlorinated additives.

APPLICATIONS

UNIVERSELLE 90 MP is suitable for:

- Cold forming of complex shape parts and/or with high elongated parts thanks to its Extreme Pressure properties
- For machine-tools lubrication according to machine-tool manufacturers requirements (NATIONAL Machinery, SACMA, SAKAMURA...)
- Tapping by cutting or by deformation
- Rolling and threading by deformation
- Horizontal and vertical presses

ADVANTAGES

- Compatible with all kinds of metals.
- Can be used for cold forming and machine-tool lubrication.
- High wettability, ensuring even distribution of the lubricant on both the tool and machining part.
- Reinforced Extreme Pressure properties.
- High oxidation stability.
- Good separation from wire drawing soaps.
- Limited smoke.
- No scrubbing of machine-tools parts.
- No foaming.
- Easy to clean with standard cleaning processes.

TECHNICAL INFORMATION

NAME	UNITS	METHOD	UNIVERSELLE 90 MP
Color	-	ASTM D1500	Brown
Aspect	-		Transparent
Density at 20°C (68°F)	-	ISO 12185	0.901
Viscosity at 40°C (104°F)	mm ² /s	ASTM D445	90.0
Flash point	°C	ASTM D92	> 220
Pour point	°C	ASTM D97	-42.0
Copper Strip Corrosion	-	NTF M 07105	1b
Storage	-		in frost-free, dry place

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.