

UNIVERSELLE 90 MP

Deformation

DESCRIPTION

UNIVERSELLE 90 MP is multi-purpose oil, free of organo-chlorinated additives, suitable for severe forming applications including cold heading.

RECOMMENDED 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
- Machine-tools lubrication
- 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 forging and machine-tool lubrication
- Excellent EP properties
- High wettability
- Resistance to oxidation
- Good separation from wire drawing soaps
- Less smoke
- No foaming
- No scrubbing of machine-tools parts

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	UNIVERSELLE 90 MP
Aspect			Transparent
Colour			Brown
Density at 20°C	ISO 12.185		0.901
Viscosity at 40°C	ASTM D445	mm ² /s	91
Copper stripe corrosion	NFT M 07105		1a
Pour point	ASTM D 97	°C	-42
Flash Point	ASTM D 92	°C	226

The specifications are given for information purposes only and may need to change.

HEALTH & SAFETY

- Free of organo-chlorinated additives and formaldehyde releasers
- Good dermatological behaviour
- Storage in a frost-free and dry place