

**UNIVERSELLE 90 SC**

Deformation

**DESCRIPTION**

**UNIVERSELLE 90 SC** is multi-purpose oil, free of organo-chlorinated additives, suitable for cold deformation, tapping and lubrication of machine tool parts.

**APPLICATIONS**

**UNIVERSELLE 90 SC** is suitable for :

- Cold forming to obtain elongated parts (extreme pressure properties)
- Machine-tools lubrication (anti-wear property)
- 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.
- High wettability, ensuring even distribution of the lubricant on both the tool and machining part.
- High oxidation stability even at high speeds.
- Good separation from wire drawing soaps.
- Less smoke.
- No scrubbing of machine-tools parts.

**TECHNICAL INFORMATION**

NAME	UNITS	METHOD	UNIVERSELLE 90 SC
Color	-	Visual	Light Yellow
Aspect	-		Transparent
Density at 20°C (68°F)	-	ISO 12185	0.894
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ISO 3104	90.0
Flash point	°C	ASTM D32	214
Pour point	°C	ASTM D97	-12.0
Copper Strip Corrosion	-	NTF M 07105	1a
Storage	-		in frost-free, dry place

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



# DATA SHEET

## 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.