

## UNIVERSELLE 68 EP

### Deformation

#### DESCRIPTION

**UNIVERSELLE 68 EP** is a multi-purpose neat oil which was designed for severe cold forming applications such as cold heading, tapping and rolling on ferrous metals.

#### RECOMMENDED APPLICATIONS

**UNIVERSELLE 68 EP** 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

**UNIVERSELLE 68 EP** is specially adapted to steel and stainless steel but is not suitable for non-ferrous metals

#### ADVANTAGES

- High wettability ensuring an even distribution of the lubricant on both, the tool and machining part
- High Extreme Pressure properties
- High oxidation stability
- Good separation from wire drawing soaps
- Limited smoke
- Easy to clean with standard cleaning processes

#### TECHNICAL INFORMATION

| CHARACTERISTICS         | METHOD     | UNIT               | UNIVERSELLE 68 EP |
|-------------------------|------------|--------------------|-------------------|
| Aspect                  |            |                    | Clear             |
| Colour                  |            |                    | Brown             |
| Density at 20°C         | ISO 12.185 |                    | 0.897             |
| Viscosity at 40°C       | ASTM D445  | mm <sup>2</sup> /s | 65.5              |
| Copper stripe corrosion | ASTM D130  |                    | 4                 |
| Pour point              | ASTM D 97  | °C                 | -33               |
| Flash Point             | ASTM D 92  | °C                 | 204               |

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