

# SUPRACO 4018

Neat Cutting Oil

MWF Neats

## DESCRIPTION

**SUPRACO 4018** is a neat cutting oil formulated from highly refined based oils.

**SUPRACO 4018** is particularly recommended for the manufacture of parts in the medical sector such as needles, implants and surgical equipment.

## APPLICATIONS

**SUPRACO 4018** is best suited for use on machine tools whose cutting system nozzle is lubricated, during operations at medium to high cutting speeds, and on small to medium sized parts.

**SUPRACO 4018** is designed for use during difficult operations involving broaching, deep drilling, cutting, shaving and grinding on high alloy steels including steels with high nickel or chrome content.

**SUPRACO 4018** is also suitable for classic machining operations on high alloy steels and it is a useful replacement for products with high chlorine content, especially on machines fitted with high-output, high-pressure spray systems.

## ADVANTAGES

- Very high lubricating power.
- Cooling properties that keep tools at a constant temperature.
- Extreme pressure properties providing a film between the part and the tool or the guide plates.
- Does not foam, even at the high-pressure levels required for boring operations.
- High level of wettability.
- High flash point.

## TECHNICAL INFORMATION

NAME	UNITS	METHOD	SUPRACO 4018
Color	-	Visual	Amber
Aspect	-		Transparent
Density at 20°C (68°F)	-	ISO 12.185	0.881
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	23.5
Flash point	°C	ASTM D92	196.0
Pour point	°C	ASTM D97	-21.0
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.

## HEALTH & SAFETY

- Free of organo-chlorinated additives and active sulphur
- Good dermatological behavior

## 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.