

# NEOLUBE<sup>®</sup> HC 2000

## CUTTING OIL FOR ALL HARD MACHINE METALS

### EXTREME PRESSURE - WEAR RESISTANCE

## Néolube<sup>®</sup> HC 2000

### DESCRIPTION

Powerful friction reducer, lubricant and anti-welding agent, with outstanding film resistance. Viscosity suitable for all drilling, thread cutting and tapping operations, on blind or through holes, on all types of steel including extra-hard and chromium steels.

Enables excellent evacuation of cuttings.

Suitable for all drilling dimensions, including very low diameters.

May be used for deep boring operations on hard metals.

Usable for cutting removal and deformation applications (tapping by forming).

This product also gives remarkable results for applications including dimpling before tapping, rolling, bending of steel tubes, small-scale stamping of steel and stainless steel.

This product extends the service life of taps and drill bits.

### FIELDS OF USE

Manual thread cutting	Drilling
Thread grinding	Boring and core drilling
Thread rolling	Manual and semi-automatic tapping
Die threading	Dimpling

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

CHARACTERISTICS	STANDARDS	VALUES	UNITS
Appearance	Visual	Clear	-
Colour	Visual	Red	-
Corrosion on copper strip	EN ISO 2160	1a	Class
Physical state	Visual	Creamy liquid	-
Kinematic viscosity at 40°C	EN ISO 3104	115	mm <sup>2</sup> /s
Acid value	EN 14104	0.5	mg KOH/g
Density at 25°C	EN ISO 12185	1.120	g/ml
Type of oil	-	Synthetic	-
Odour	Olfactory	Slight	-
Freezing point	ISO 3016	<-20	°C
Shell four ball test, imprint diameter	ASTM D2266	0.42	mm
Shell four ball test, weld point	ASTM D2596	6000	N

### PRESENTATION

