

NEOLUBE[®] HC 2000

CUTTING OIL FOR ALL HARD MACHINE METALS

EXTREME PRESSURE - WEAR RESISTANCE

Néolube[®] 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 ² /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

