



**Metcut**  
METALWORKING FLUIDS



## Product Information: Neat Cutting Oils

# CORA F

**EXTREME PRESSURE NEAT OIL FOR CUTTING,  
TAPPING & DEEP HOLE DRILLING**

## Description

Cora F is a high additive neat cutting oil recommended for a wide range of operations, especially those of a more arduous nature involving hardened steels and hardened non-ferrous alloys. High levels of extreme pressure and lubricity additives help reduce tool wear and tool breakages whilst improving surface finishes. The low viscosity ensures the product has excellent penetration, particularly important in tapping and deep hole drilling applications. Special base fluids ensure low misting tendency and low volatility in use. Lower volatility and improved oxidation stability impart longer sump life and lower top up rates. Cora F is non-staining to copper and its alloys.

## Features / Benefits

- High Level of EP Additives
- Low Viscosity
- Reduces Tool Wear
- Ensures Good Surface Finish
- Non-staining to Yellow Metals
- Excellent Lubricity
- Good Flushing and Penetrating Properties
- Light Colour
- Low Odour

## Physical Characteristics

Appearance	Pale amber oil
Colour (ASTM D1500)	1.5
Relative Density @ 15.6°C	0.915
Kinematic Viscosity @ 40°C/cSt	11.9
Closed Flash Point °C	165

## Areas of Application

Deep hole drilling, broaching  
Turning, milling, drilling

Tapping and hand tapping

Medium and tensile steels, stainless steels  
Medium and tensile steels, stainless steels,  
non-ferrous alloys, including copper, brass, etc.  
Hardened non-ferrous alloys, medium and  
tensile steels, stainless steels

Issue No. 3 SDS 353  
Ref:731.000



Morris Lubricants, Castle Foregate, Shrewsbury, Shropshire SY1 2EL  
Tel: +44 (0)1743 232200 Fax: +44 (0)1743 353584 [www.morrislubricants.co.uk](http://www.morrislubricants.co.uk)  
Metcut and Morris Lubricants are divisions of Paterson Enterprises Limited, Shrewsbury  
Registered in England No. 4930959 **Established 1869**