



UNINET XCUT 2

UNINET XCUT 2 is a chlorine-free, low misting neat cutting oil developed to meet the heavy duty demanding machining processes such as deep hole drilling, threading, tapping, milling, gear shaping and broaching. It is blended with a proprietary high polarity additive that forms a thermally stable boundary lubricating film on the metal surfaces. UNINET XCUT 2 exhibits high synergistic anti-wear effects when combined with our proprietary sulfurized EP additives.

APPLICATIONS / BENEFITS

- Increased tool life between regrinds.
- Improved metal finishing.
- Reduced chip welding in heavy-duty operation.
- Better workplace visibility.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.86
Flash Point, °C	ASTM D 92	>210
Kinematic Viscosity @40°C (cSt)	ASTM D 445	22
Color	ASTM D 1500	<1.5
Sulfur, % wt	ASTM D 1662	<5.0
Copper Corrosion 3 h / 100°C	ASTM D 130	4a
4-Ball test, welding load, N	ASTM D 2783	4800.0
4-Ball Scar Test, mm	ASTM D 4172	0.7
Brugger value (N/mm ²)		80.0