



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

ILS SPRAYCUT

Premium Ester Based Spray Mist Neat Cutting Oil

Description

ILS SPRAYCUT is a high quality, neat misting lubricant based on biodegradable synthetic ester technology and free of chlorine and heavy metals.

Typical Applications

ILS SPRAYCUT is designed for use on Aluminium Steel and Copper componentry where a light misting lubricant is required that will not stain and will evaporate away after heating without leaving any stain or residues that may interfere with downstream finishing.

Operation	Cast Iron	Low/Med Alloyed Steel	High/Nickel Chrome Alloy Steels	Titanium Alloys	Aluminium Alloys	Yellow Metals
Milling	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓
Turning	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓
Drilling	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓
Threading	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓
Reaming	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓
Sawing	✓✓✓	✓✓	-	-	✓✓✓	✓✓✓

Not suitable for use where temperatures may get to < 4°C as the product will crystallize.

Benefits

- Non-Staining.
- Low viscosity ensures ease of spraying.
- Low odour operator friendly product.
- Multimetal capability.
- Improved environmental profile.
- Chlorine Phosphorous and heavy metal free.

Typical Characteristics

Concentrate	Test Method	Typical Properties
Appearance	Visual	Clear Pale Liquid
Density @ 20 °C (Kg/M ³)	ASTM D1298	0.850 - 0.855
Flash Point (COC) °C	ASTM D 92	>150°C
Kinematic Viscosity @ 40°C(cSt)	ASTM D 445	3-5 cSt

Note : Data is typical and does not constitute a specification