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technical data sheet

## Beacon Signal Cut 221B

### Product Application:

Beacon Signal Cut 221b is a multi-faceted cutting edge extended life oil, operator friendly full synthetic coolant. This product is excellent for general purpose machining and grinding operations on ferrous and non-ferrous materials.

It is formulated with the latest technology to provide the most efficient tool life under the most adverse conditions while doing so incorporating advanced chemistry to perform as a bio-stable product thus greatly increasing sump life.

Additionally, Signal Cut 221B provides excellent wetting and chip/swarf setting capabilities. Allowing for uniform coolant-to-metal surface contact, important for metal cutting operations as well as corrosion inhibition during in-process storage. It is also environmentally safe and contains no chlorine, nitrites, heavy metals, phenols or diethanolamines.

### Package Size:

Drums, Pails

### Recommended Concentrations:

Grinding	2-3% (50:1 to 30:1)
Milling, turning, drilling, sawing	3-4% (30:1 to 25:1)
Broaching, tapping, boring	4-5% (25:1 to 20:1)

### Features and Advantages:

- \*Fungicide fortified
- \*Complete oil rejecting capabilities (tramp oils)
- \*Provide excellent rust protection

### Typical Characteristics:

Color	Light Blue
Odor	Mild
Specific Gravity	1.085
pH @ 20:1 Dilution	9.4
Refractometer Reading @ 20:1 Dilution (Brix)	1.5

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