

Leading provider of steel in Canada  
and the United States impressed by

## GreenCut® Cutting Fluid

AVERAGE INCREASE IN  
SAW BLADE LIFE **140%**

ANNUAL SAVINGS ESTIMATE  
**\$50,000**



Originally Approved by:



Environment  
Canada

under the Environmental Choice Program

**COMPANY:** Varsteel Ltd.

**COUNTRY:** Canada

**APPLICATION:** Band Saws

**KEY EDGE:**

- 140% Increase in Saw Blade Life
- Annual Savings Estimate **\$50,000\***
- Reduced downtime by 30%
- Increased Customer Satisfaction
- SAFE for workers
- Easy maintenance

Varsteel Ltd. is a leading provider of steel, rebar, pipe, piling and structural steel in Canada and the United States. Varsteel tested 4 different lubricants in its band saws in order to increase life of blades used for cutting of steel. It was found that GreenCut Cutting Fluid from LubeCorp Manufacturing significantly increases life of the blades from 10-15 eight-hour shifts experienced by the other three lubricants to 28-32 eight-hour shifts. The company reduced maintenance time by 30% with estimated total annual savings of \$50,000.

**By utilizing GreenCut, Varsteel increased customer satisfaction. Customers no longer had to clean the steel products from Varsteel and could process them (paint, powder-coat) directly after purchase.**

The saw operators also like GreenCut because it is safe for their health, prevents breathing and skin problems, doesn't cause slippery surfaces and is simple to maintain by checking the coolant with a pH strip at the beginning of each shift.

[www.lubecorp.com/greencut](http://www.lubecorp.com/greencut)

\*NOTE: Savings realized in one plant in Calgary, Canada

## GreenCut Cutting/Misting Fluid

High Performance and SAFE metalworking fluid

### Applications

Machining, cutting, grinding, drilling, tapping, sawing, CNC plasma water tables

### Materials

Carbon steel, stainless steel, brass, Inconel, titanium

### Performance

- GreenCut provides exceptional lubrication—burnishing—cooling of the work piece.
- Extends tool life by 40%
- Provides improved accuracy
- Superb surface finish
- Increased production speeds
- 100% effective regardless of the tool speed or feed
- Contains outstanding anti-rust and anti-foam additives
- GreenCut is a water-soluble comprehensive lubricity additive package, blends with water at 20:1 ratio
- No sump clean-outs needed for at least one year with proper maintenance and pump circulation of the coolant
- Can be reused

### Safety

- Originally Approved by Environment Canada under the Environmental Choice Program
- GreenCut totally prevents growth of all aerobic and anaerobic bacteria
- Eliminates sump odors permanently: immediate biodegradation of up to 5% of oil wastes (tramp oils) means no stench and extended service life of the coolant

Easy on the hands and helps heal lacerations and dermatitis. Vapors won't cause asthma or breathing problems. Spills are safe to walk on "no-slip"



Hazardous Material Identification System GREENCUT CUTTING/MISTING FLUID	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

Complementary Products	
Application	Product
CNC Plasma Arc Cutting	GreenCut Plasma
Drilling, punching, stamping	Excel 440 Super Lubricant Spray

[www.lubecorp.com/greencut](http://www.lubecorp.com/greencut)