

# COOLCUT S-30

## Soluble Cutting Lubricant

Coolcut S-30 is a premium mineral oil based cutting fluid with EP additives designed for all metal removal applications in steel as well as non-ferrous metals. It is free of chlorinated compounds and nitrates. Mixing it with water result in a highly stable micro-emulsion with excellent lubricating and anti-corrosion properties. The emulsion resists bacteria growth and provides long bath life with little maintenance.

### Features & Benefits:

- Dilutes up to 1:30
- Allows increased feed, speed and productivity
- Excellent corrosion protection
- Highly stable for long bath life
- Drilling, sawing, milling, turning, reaming, broaching, shaping, hobbing, grinding of ferrous and non-ferrous metals

Description	Size		Order No.	SDS
	Metric	Imperial		
Liquid	3.78L	1.3 gal.	53-G 005	L-119E
Liquid	20L	5.2 gal.	53-G 007	L-119E
Liquid	208L	55 gal.	53-G 008	L-119E

### ACCESSORIES

PB-30 Preservative Booster*	53-C 011
Valve for 5L containers	53-L 113
Valve for 20L container	53-L 207

*\*PB-30 Preservative Booster enhances the homogeneity of the emulsion, helps maintain pH levels and improves corrosion protection while eliminating odors.*

### Technical Information

<b>Refractometer Factor</b>	0.9
<b>Density</b>	0.970 g/ml (at 20°C)
<b>Flashpoint</b>	N/A
<b>Odor/color</b>	Mineral oil like / Brown
<b>pH (at 10%)</b>	9.3
<b>Rinsability</b>	Fully miscible
<b>Viscosity</b>	570 mm <sup>2</sup> /s (at 20°C)

SDS available upon request or visit our web site at [www.walter.com](http://www.walter.com)

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### Application dilution chart:

Material	Dilution ratio	Dilution %	Application
Steel and Cast iron	1:20 - 1:10	5% - 10%	Turning, Milling, Drilling, Threading, Tapping, Sawing, Reaming, Broaching, Shaping, Hobbing
Stainless Steel	1:12 - 1:8	8% - 12%	Turning, Milling, Drilling, Threading, Tapping, Sawing, Reaming, Broaching, Shaping, Hobbing
Copper Alloys and Aluminum Alloys	1:20 - 1:8	5% - 8%	Turning, Milling, Drilling, Threading, Tapping, Sawing, Reaming, Broaching, Shaping, Hobbing
Other Non-Ferrous Alloys	1 :30 – 1 :10	3,3% - 10%	Turning, Milling, Drilling, Threading, Tapping, Sawing, Reaming, Broaching, Shaping, Hobbing

### Dilution Chart

Dilution ratio	Dilution %	ml of cleaner/ 1L of water	fl. oz. of cleaner/ 1 gal of water
1:30	3,3%	33ml	4,3 fl. oz.
1:20	5%	50ml	6,4 fl. oz.
1:14	7%	70 ml	9,0 fl. Oz.
1:10	10%	100ml	12,8 fl. oz.
1:8	12%	120 ml	15,4 fl. oz.
1:7	15%	150 ml	19,2 fl. oz.

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