

# SWISS SILVER

## Signature Series Cutting Oil



**Stain-Free Resins Keep Your Machine Clean And Varnish Free**

**Low Mist - Ideal For High Pressure Delivery Pump Systems**

**Low Viscosity - Ideal For Small Diameter Coolant-Thru Tooling**



### Swiss Silver Premium - Most Metals

Our standard premium HIGH PERFORMANCE product, ideal for all Swiss-type machines or small parts turning centers. Provides extended tool life in ferrous and non-ferrous applications. Minimal air entrainment reduces misting under medium pressure coolant delivery.

Type	Size	Item No.	Description
A (Most Metals)	55 Gallon	2505-000100	LCO-SS00-A00-MGS
A (Most Metals)	5 Gallon	2505-000107	LCO-SS00-A00-M-5G
B (Ferrous & Tough Alloys)	55 Gallon	2505-000101	LCO-SS00-B00-MGS
B (Ferrous & Tough Alloys)	5 Gallon	2505-000118	LCO-SS00-B00-M-5G



### Swiss Silver AB - Aluminum & Brass

Specifically formulated for enhanced surface finish results in aluminum, brass & copper applications. Prevents tarnishing of yellow metals. Features low air entrainment for low mist under medium pressure coolant delivery.

Type	Size	Item No.	Description
Standard	55 Gallon	2505-000102	LCO-SSAB-000-MGS
Standard	5 Gallon	2505-000113	LCO-SSAB-000-M-5G
High Pressure	55 Gallon	2505-000111	LCO-SSHP-AB0-MGS
High Pressure	5 Gallon	2505-000119	LCO-SSHP-AB0-M-5G



### Swiss Silver HM - Hard Metals

A special formulation of Swiss Silver designed to enhance the machining of "hard metals" such as high nickel materials, inconel, hastelloy, and other tough-to-machine exotic alloys. Includes the tool life enhancing additives and low misting agents offered in other Swiss Silver variants.

Type	Size	Item No.	Description
B (Ferrous & Tough Alloys)	55 Gallon	2505-000103	LCO-SSHM-B00-MGS
B (Ferrous & Tough Alloys)	5 Gallon	2505-000120	LCO-SSHM-B00-M-5G

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CUTTING OIL							
Properties:	A	AB	HM	HP	PL	VX	GD
Specific Gravity @ 60°F	.92	.90	.94	.92	.86	.95	.88
Pounds/Gallon	7.60	7.50	7.60	7.60	7.20	7.98	7.25
Viscosity SUS @ 100°F	85	85	<90	94	62		90
Appearance	Light Amber	Light Amber	Light Amber	Light Amber	Bright Clear	Amber	Bright Clear
Flash Point	> 365°F	> 360°F	> 365°F	> 380°F	> 320°F	> 420°F	> 420°F
Materials	Ferrous, Non Ferrous	Aluminum, Brass, Copper	Nickel, Inconel, Hastelloy, Exotic Alloys	Stainless Steel, Tough Alloys, Titanium, Brass, Aluminum	Stainless Steel, Tough Alloys, Titanium, Brass, Aluminum	Aerospace Alloys, Aluminum, Tough Steel/Nickel Alloys	Stainless Steel, Tough Alloys, Titanium, Brass, Aluminum



## Swiss Silver HP - High Pressure Delivery Formula

An enhanced formula of the standard premium cutting oil product that greatly reduces the mist and air entrainment under high pressure pump coolant delivery applications found in many Swiss-type machining operations.

Type	Size	Item No.	Description
A (Most Metals)	55 Gallon	2505-000104	LCO-SSHP-A00-MGS
A (Most Metals)	5 Gallon	2505-000108	LCO-SSHP-A00-M-5G
B (Ferrous & Tough Alloys)	55 Gallon	2505-000105	LCO-SSHP-B00-MGS
B (Ferrous & Tough Alloys)	5 Gallon	2505-000117	LCO-SSHP-B00-M-5G



## Swiss Silver PL - Platinum

Provides low viscosity and better heat dispersion for precision micro machining and deep hole drilling. Available in both TYPE A & Type B Grades. Excels on stainless steel, tough alloys, titanium, brass, and aluminum.

Type	Size	Item No.	Description
A (Most Metals)	55 Gallon	2505-000124	LCO-SPLA-A00-MGS
A (Most Metals)	5 Gallon	2505-000125	LCO-SPLA-A00-M-5G
B (Ferrous & Tough Alloys)	55 Gallon	2505-000126	LCO-SPLB-B00-MGS
B (Ferrous & Tough Alloys)	5 Gallon	2505-000127	LCO-SPLB-B00-M-5G



## Swiss Silver VX - Vegetable Based Formula

A High Performance vegetable based cutting oil product that provides pure lubricity and unparalleled surface finish on ferrous and non-ferrous parts. Biodegradable and environmentally acceptable for fulfilling 'green' manufacturing objectives.

Type	Size	Item No.	Description
A (Most Metals)	55 Gallon	2505-000106	LCO-SSVX-101A-VGS
A (Most Metals)	5 Gallon	2505-000114	LCO-SSVX-101A-VGS-5G
B (Ferrous & Tough Alloys)	55 Gallon	2505-000110	LCO-SSVX-101B-VGS
B (Ferrous & Tough Alloys)	5 Gallon	2505-000123	LCO-SSVX-101B-VGS-5G



## Swiss GD - Gold

Low foaming oil with maximum visibility, Swiss Gold is ideal for high pressure systems, providing a mix of low viscosity and a high flash point. Excels on stainless steel, tough alloys, titanium, brass, and aluminum. Long term use provides high performance on all metals.

Type	Size	Item No.	Description
A (Most Metals)	55 Gallon	2505-000129	LCO-SSGA-A00-MGS

**Special formulations are also available for custom applications.**  
**Low or no chlorine formulas available on request.**  
**Way Lube also available.**