

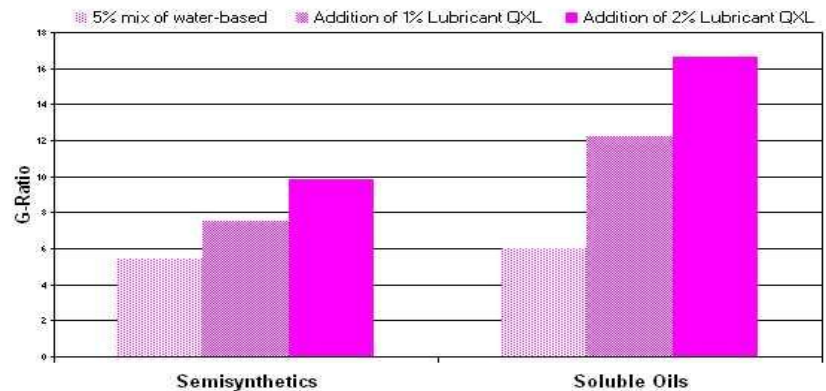
Product Information Flyer



LUBRICANT QXL is a water soluble, “super lubricant”, metalworking fluid additive designed to enhance the performance of CIMCOOL® metalworking fluids for heavy-duty grinding and machining operations. LUBRICANT QXL’s patented extreme pressure lubricant package aids these products in providing outstanding stock removal and productivity increases.

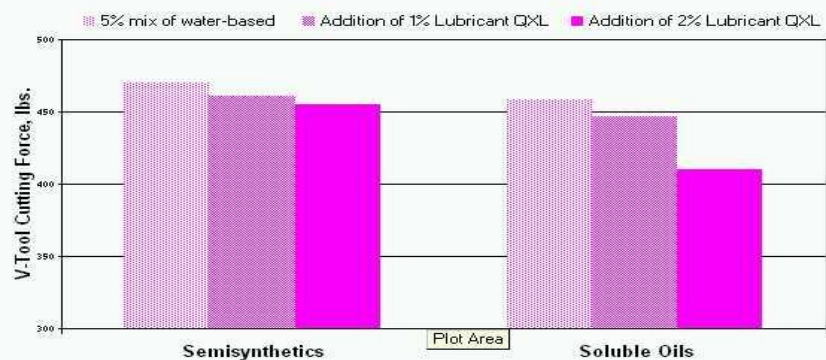
This product is recommended for operations on all steels, most aluminum alloys, and many exotics. LUBRICANT QXL is recommended as an additive for metalworking fluid mixes in both central systems and individual machines. It is typically used from 1 to 5%

Improved G-Ratio By Adding Lubricant QXL



G-Ratio is the proportion of metal removed per volume of grinding wheel consumed. The higher the number the better the lubricity of the product.

Effect Of Lubricant QXL On V-Tool Cutting Forces



V-Tool value is the measurement of force on a single point tool, cutting a steel tube. The lower the cutting force, the higher the lubricity of the product.

LUBRICANT QXL

METALWORKING FLUID ADDITIVE

RECOMMENDED STARTING DILUTIONS FOR INDUSTRIAL USE ONLY

Use dilution is 1:100 (1.0%) to 1:20 (5%) as an additive to increase lubrication in CIMCOOL® semi-synthetic and soluble oil mixes. Add no other substances to the concentrate or mix unless approved by CIMCOOL Technical Service.

LUBRICANT QXL is not recommended for use with magnesium or alloyed magnesium.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Clear / Chemical

Solubility in water: 100%

Weight, lb/gal, 60°F (15.6°C): 8.7

Specific gravity, (H₂O = 1): 1.04

Boiling point, °F (°C): NA

Flash point, COC, °F (°C): 315 (157)

Fire point, COC, °F (°C): 330 (166)

Freezing point (or pour point), °F, (°C): -5 (-21)

pH, concentrate: NA

pH, 5% mix, typical operating conditions: 9.0

Chlorine/Chloride, wt%, calculated: 0 / <50 ppm

Sulfur, wt%, calculated: 19

Silicones: Yes

HANDLING and STORAGE

If frozen thaw completely at room temperature. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.



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