



TRU-CHEM  
COMPANY, INC.

## CHEMICAL PROCESSES FOR INDUSTRY

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## T.C. 1881-LC Liqui-Draw

### DESCRIPTION

T.C. 1881-LC is a versatile, liquid drawing compound for deep drawing, stamping, blanking and other forming operations for all metals. Depending upon application, it may be diluted up to 50% by volume with water. It provides excellent lubrication for working metals, and has fine coolant properties to prevent die galling and metal-to-metal contact. By minimizing die corrosion, T.C. 1881-LC increases tool life. Since no gummy residues are formed, dies remain cleaner and require less polishing. If necessary, parts may be easily cleaned before subsequent operations.

Solutions of T.C. 1881-LC are easy to prepare and use and will not solidify, gel or separate upon standing. Readily pourable from the container, the compound will not clog automatic feeding equipment.

### CHEMICAL CHARACTERISTICS

Chemical composition	Liquid soaps
Physical form	White liquid
Odor	Bland
Specific gravity	0.970
Bulk density	8.1 lbs/gal at 72° F (872 g/l at 22° C)
Viscosity	Approx. 13,000 cps at 68° F (20° C) Brookfield Spindle 3, 6 rpm
Flash point	None
Foaming tendency	Low
Recommended diluent	Water
Maximum solubility	Complete
Rinseability	Best with hot water
Biodegradable	Yes
Phosphate-free	Yes
Normal operating temperatures	Room temperature
Normal working concentrations	50% by volume to full strength
pH at working concentrations	8.0 at 50% by volume
Effect of working solutions on metals	Applicable on steel, stainless steel, aluminum, zinc, copper and brass; moderate attack on magnesium