



LEANDER LUBRICANTS CORPORATION

Custom Solutions, Not Stock Answers

- Technical Data -

CHEM-DRAW SERIES 6576 SYNTHETIC DRAWING & STAMPING FLUID

PRODUCT DESCRIPTION

Chem-Draw Series 6576 is a high performance synthetic, water dilutable, deep drawing, stamping, punching, and blanking fluid. Series 6576 contains no oil. It replaces heavy-duty straight and soluble oils on both ferrous and some non-ferrous metals. Series 6576 is clean and well accepted by operators. Chem-Draw Series 6576 offers excellent hard water control, bacterial control, and film strength.

Rust Protection – Chem-Draw Series 6576 offers in process rust protection only. 6576 should be cleaned shortly after forming to eliminate corrosion on stamped parts. For transportation and long-term storage, parts should be washed and a rust protector should be applied. Humidity cabinet results give 48 hours of protection. This product was developed for heavy-duty application where both EP (extreme pressure) and high lubricity are required.

BENEFITS

- Nitrite free, phenol free, PCB free, oil free
- High film strength reduces die marks, scoring and galling on many draws
- Long sump life in recirculating systems
- Resists rancidity and tolerates hard water
- Rejects tramp oil for easy removal from system
- Easily cleaned from parts. Reduces wash water contamination
- Completely transparent, parts are visible during operations
- Reduces parts temperatures
- Residue is soft, re-dissolves easily in the circulating fluid

APPLICATION

Dilute Chem-Draw Series 6576 with tap water. In initial trials dilute 1 part Series 6576 with 5 parts of water. For extra heavy-duty applications, use Series 6576 neat first, and then dilute out.

RECOMMENDED CONCENTRATIONS

Drawing & Stamping	Dilution
Medium	1 to 10 to 1
Heavy	1 to 5 to 1
Extra Heavy	Neat to 5 to 1

TYPICAL PHYSICAL PROPERTIES

Appearance (undyed)	Liquid Amber
(dyed)	Liquid Blue
Odor	Mild, Pleasant
Pounds per Gallon	8.686
pH (1:1 mix by volume with water)	9.2
Flash Point	None
Residue	Soft, Water Washable
Effect of Freeze-Thaw Cycle	Stable
Active sulfur, phosphates, phenol, nitrites	None

TOXICITY & HANDLING PRECAUTIONS

Chem-Draw Series 6576 in the concentrated or diluted form is safe to handle. Exercise care consistent with good industrial practices. Adhere to prevailing OSHA safety regulations, guidelines and/or procedures for this class of product. Use normal precautions. Refer to Chem-Draw Series 6576 Material Safety Data Sheet for additional information.

FOR INDUSTRIAL USE ONLY

Follow NIOSH recommendations when using this product. (National Institute for Occupational Safety and Health's October 6, 1976 Intelligence Bulletin).

TITRATION CHARTS AVAILABLE

AVAILABILITY

- 5-GALLON pails
- 55-gallon drums
- Bulk shipments

QR 4.5.1 Product Information

Developed: 1977

Revised: 1/00, 7/00, 1/01

This information is based upon our best experience and knowledge and is intended to be helpful and informative. We cannot assume responsibility for any loss or accident that may result from the use or misuse of this product. For additional information contact your representative at Leander Lubricants, St. Louis, Missouri.