

LUBRIDRAW 3320

METAL WORKING FLUID

CUSTOMER: FILTER MANUFACTURER



PRODUCT

Lubridraw 3320 is heavy duty completely emulsifiable drawing oil concentrate. It is very stable in hard and soft water. Lubridraw 3320 is designed for the most severe drawing and blanking operations on cold rolled steel and stainless steel along with non-ferrous metals such as copper, brass, and aluminum.

In heavier dilutions with water, Lubridraw 3320 is suitable for the most severe blanking, forming, stamping, and piercing operations on cold rolled, hot rolled, and stainless steels, particularly in high-speed eyelet machine stamping operations. It may be flooded, sprayed, brushed, or roll-coated on the blanks or coil stock entering the press. Typically Lubridraw 3320 is run between 5-15% depending on the severity of the draw. Lubridraw 3320 emulsifies easily in tank side proportioning units and will not leave a heavy waxy buildup on the dies or your parts. Lubridraw 3320 may be diluted with any lower viscosity diluent oil such as hydraulic oil, spindle oil, EDM oil, or solvent for less severe drawing or stamping requirements.

PROCESS AND EQUIPMENT

Industry/Market	Industrial
Product Type	Metal Working Fluid/Forming Lube
Product Number	6005900000
Machinery Involved	400/600-Ton Presses and Four-Stage Washers
Description of Environment	Stamping and cleaning of parts
Volume Used	10,000 gallons per year (approx)
Date of Use	2009 to present
Documented Cost Savings	> \$75,000 per year

▷ **DESCRIPTION OF PROBLEM**

Hot Rolled parts being stamped with a straight oil and having to use a high caustic cleaner (in stage one) of washer. The carry over into additional stages lead to contaminated tanks and eventually affected the rust inhibitor in final stage causing rusting of parts.

▷ **SOLUTION**

Switched presses from a straight oil stamping fluid to water based (Lubridraw 3320). Once the switch was made we were able to eliminate the cleaner in stage one and now use hot water in the first two stages. This has reduced cost over \$75,000 annually in cleaner cost as well as eliminated any rusting of parts.

▷ **CUSTOMER TESTIMONIAL**

This change lead to opportunities throughout the stamping department and we have had the business for over six years now.