

NuLube Klean-Draw: Viscous semi-synthetic lubricant for deep drawing, stamping, punching, pressing, bending and forming. One-hundred percent (100%) water soluble for easy cleaning. Extremely high lubricity. Safe on most metals. Protects against rust. Low odor fluid. Safe to work with.

Applications:

NuLube Klean-Draw is designed to assist in many metal-forming operations to include but not limited to; drawing, stamping, punching, pressing, bending, and forming. Also finds itself useful in roll-forming. **NuLube Klean-Draw** has been formulated to replace heavy-duty oil based lubes for metal punching, stamping and drawing applications, which typically require vapor degreasing for cleaning. Special concentrated formulation won't smoke or evaporate away or dry down. Clings to surfaces and protects against corrosion. Semi-synthetic formula washes off easily with water allowing for subsequent painting or plating operations. For best results, **NuLube Klean-Draw** should be cleaned with a neutral to Alkaline cleaner.

Typical Usage Parameters:

	NuLube Klean-Draw
Description	Ultra Heavy-Duty Viscous Water Soluble Lubricant
Viscosity SUS @ 100°F	800
Concentration Range	10-100%
Operating temperatures	Ambient
Rolling & Stamping	•
Ferrous metals	•
Aluminum/brass/copper	•
Galvanized	•
Deep Drawing	•
Extra rust protection	•

Physical Properties:

	NuLube Klean-Draw
pH, concentrate	N/A
pH, @ 5% bv	8.4
Bulk Density, #/gal	8.0
Oils & Insolubles	None
VOC (at max use level, 100%)	< 50 g/L
Flash point	>375°F
Chelates	None
Solubility in water	Complete
Silicated	No
Chlorinated	Yes – (Chlorinated Paraffin)

Availability: 5-gallon and 55-gallon containers; 275-gallon tote-bins and bulk tankers.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-120°F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com