



Innovation in Metalworking Fluids



Form Rite 860

Heavy Duty Emulsifiable Oil

Description

Form Rite 860 is a heavy duty, emulsifiable metalforming lubricant for progressive die stamping and deep drawing metals. Form Rite 860 is fortified with the newest extreme pressure additives, making it the perfect choice for the most difficult deep drawing jobs on the toughest alloys. In addition to these performance qualities, Form Rite 860 was designed to deliver maximum performance features while providing improved concentrate stability, corrosion protection, stain inhibition on non-ferrous alloys, and emulsion stability even in harder waters.

Applications

- Deep drawing
- Bending
- Swaging
- Blanking
- Hydroforming
- Roll/Contour/End/Stretch forming
- Progressive die stamping
- Punching/piercing
- Spinning

Performance Features and Benefits

- Maximum formability and corrosion protection ensure excellent die life, decreasing costs associated with die purchases and change out.
- Enhanced emulsion stability and antimicrobial protection means a longer sump life and decreased cost associated with product purchases, disposal costs, and decreased production output during clean out down time.

Typical Properties

Property	Form Rite 860
<i>Concentrate Appearance</i>	Clear dark amber liquid
<i>Odor</i>	Mild petroleum
<i>Specific Gravity, 25 °C</i>	1.02
<i>Bulk Density, 25 °C</i>	8.52 lb/gallon
<i>pH 5% in tap water</i>	9.32

Directions for Use

Form Rite 860 should be diluted to 10 – 40% into water depending on the severity of the operation. The emulsion can be applied by spray, drip, roller, or immersion methods to the strip or part. The proper ratio will depend on type of metal, thickness of metal, operation, and lubricant application method.

Consult product SDS for complete product safety information.