

**Typical Properties**

|   |                     |
|---|---------------------|
| Appearance                                | Clear Yellow Liquid |
| Specific Gravity@25°C                     | 0.900 - 1.050       |
| Neutralization Value, meqKOH/g            | ≤ 8                 |
| pH Value (5% Water Dilution)              | 9.5 - 11.0          |
| Refractometer Reading (5% Water Dilution) | 4.5 - 5.2           |
| Std Packaging (NW / GW, Kg)               | 217.0 / 200.0       |

**Product Description**

**SMARTLUB 3250** is a DEA-free fatty amide designed for incorporation into most water-based metalworking products.

**SMARTLUB 3250** provides enhanced boundary lubricity and metal wetting characteristics to the finished coolant. Also enhanced hard water stability can be achieved with this product compared to the conventional DEA-containing amides.

**SMARTLUB 3250** is recommended at treat level of 5 - 10% in semi-synthetics and synthetic fluids. Higher treat levels (10 - 20%) are recommended for water soluble drawing compounds.

**SMARTLUB 3250** can produce an elevated viscosity characteristic and high film strength when the finished product is inverted with water(water added to product), it is good for the drawing operation.

**Applications**

General Application  
 Drawing Fluids

**Suggested Treat Rates, %wt**

5 - 10  
 10 - 20