

Supplier - SMART OIL

SmartLub 3250

Diisopropanolamide

Water-Based Lub Anti-Rust Co-Emulsifiers

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

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

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