Supplier - SMART OIL
SmartLub 3250

Diisopropanolamide

Water-Based Lub Anti-Rust Co-Emulsifiers

Typical Properties

Appearance
Specific Gravity@25°C
Neutralization Value, meqKOH/g
pH Value (5% Water Dilution)
Refractometer Reading (5% Water Dilution)

Clear Yellow Liquid 0.900 - 1.050 ≤ 8 9.5 - 11.04.5 - 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 produces 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.

ApplicationsGeneral Application
Drawing Fluids

Suggested Treat Rates, %wt
5 - 10
10 - 20

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