

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

Print date: 13-06-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.