

Supplier - SMART OIL

SmartLub 3550

DIPA Amide of Tall Oil Fatty Acid

Water-Based Lub Anti-Rust Co-Emulsifiers

Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
pH Value (5% Water Dilution)	9.0 - 10.0
Refractive reading (5% Water Dilution)	4.6 - 5.4

Product Description

SMARTLUB 3550 is an isopropanol amide-based co-emulsifier that process the characteristics of the emulsifying, wetting, lubricating, corrosion protection. The product is designed for using in the formulations of fully-synthetic, semi-synthetic and soluble oil.

SMARTLUB 3550 has good lubricating and strong cleansing characteristics that is benefit for machining the yellow metals such as copper, aluminum alloy which the debris of the metal chips can be removed during processing. Hence, the machine and working environment can be kept clean.

SMARTLUB 3550 contains no nitrite and diethanolamine, which can avoid the possible product of carcinogen of nitrosamine to be produced. Also, it will not get users skin and their mucous membrane stimulated.

SMARTLUB 3550 has good alkalinity reserve property that can neutralize the acidic contaminants such as organic acids which are formed due to oxidation during processing at high temperature. Hence, the coolant life can be extended.

SMARTLUB 3550 has strong co-emulsifying capability that can effectively stabilize the emulsion system. Additionally, it can also acts as viscosity builder, which is good to formulate the coolant for drawing and stamping processing.

STORAGE CONDITION

- Storage temperate: From normal temperature to 60°C
- Storage condition: Product should be closed, placed in a ventilated place, no exposing to direct sunlight and away from heat source.

Applications

Soluble Oils
Semi-Synthetic
Synthetic

Suggested Treat Rates, %wt

5 - 10
5 - 10
1 - 5

Print date: 21-05-26

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.