

Supplier - SMART OIL
SmartFort LB6230
Fatty Acid Ester Package
Lubricity / Anti-wear Booster

Typical Properties

Appearance	Amber Liquid
Specific Gravity@25°C	1.000 - 1.100
pH Value (5% Water Dilution)	4.5 - 6.0
Viscosity@40°C, cSt	800 - 1100
Acid Value, mgKOH/g	< 40

Product Description

SMARTFORT LB6230 is a polymer-based compound that boosts lubricity and provides corrosion inhibition in water-based systems.

SMARTFORT LB6230 is designed for use in soluble oil, semi-synthetic and fully-synthetic formulations to enhance product finishing.

SMARTFORT LB6230 possesses inversely soluble characteristic that can effectively mitigate the wear of metals by forming a protecting film at the contact point during process at elevated temperature.

SMARTFORT LB6230 possesses good emulsifying property that can help stabilize the emulsion systems.

SMARTFORT LB6230 can be used in water-based systems for machining both ferrous and non-ferrous metals, such as stainless steels or aluminum alloys.

SMARTFORT LB6230 can be used as tank-side additive that can improve product finishing and reduce the smoke evolved at the points of metal contact during machining.

SMARTFORT LB6230 contains no sulfur, chlorine, phosphorous, nitrite or other harmful materials, which poses no harmful threat to operators and the environment.

Applications

Synthetic Fluids

Suggested Treat Rates, %wt

2 - 8

Print date: 27-09-26

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.