

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

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