

Supplier - SMART OIL  
**SmartLub LB6280**  
*Castor Oil-Based Ester Package*  
*Lubricity / Anti-wear Booster*

### Typical Properties

Appearance	Light Amber Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	90 - 150
pH Value (5% Water Dilution)	7.5 - 9.0

### Product Description

**SMARTLUB LB6280** is a package of esters developed from castor oil and other fatty acids, which can boost lubricity and corrosion inhibition in a water-based system.

**SMARTLUB LB6280** is designed to use in soluble oil, semi-synthetic and fully-synthetic formulations to enhance the product finishing.

**SMARTLUB LB6280** has good emulsifying property that can help to stabilize the emulsion system.

**SMARTLUB LB6280** can be used in the water-based system applying for machining both ferrous and non-ferrous metals such as stainless steel or aluminium alloy.

**SMARTLUB LB6280** can be used as tank side additive that can improve the product finishing and reduce the smoke evolved at the points of metal contacts during machining.

**SMARTLUB LB6280** contains no sulfur, chlorine, phosphorous, nitrite or other harmful materials, which poses no harmful threat to operators and environment.

#### **Applications**

General Application

#### **Suggested Treat Rates, %wt**

3 - 8

Print date: 18-04-26

*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.*