

Supplier - SMART OIL  
**SmartLub 3240***PEG Monooleate Ester*

### Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.950 - 1.100
Neutralization Value, meqKOH/g	50 - 60
pH Value (5% Water Dilution)	7.0 - 7.5
Refractive Index (5% Water Dilution)	4.4 - 4.8
Std Packaging (NW / GW, Kg)	232.0 / 215.0

### Product Description

**SMARTLUB 3240** is a co-emulsifiers with anti-rust, lubricity, wetting and cleansing characteristics. It can be incorporated into water-based metalworking products such as soluble oils, semi-synthetic and synthetic fluids.

**SMARTLUB 3240** is especially suitable for machining yellow metals such as aluminum and magnesium alloys due to its excellent wetting and cleansing properties. It also can improve the surface finishing of workpieces and help to remove the debris of metal chips.

**SMARTLUB 3240** exhibits excellent co-emulsion performance; thus it is recommended for more stable water-based products.

#### **Applications**

Soluble Oils  
Semi-Synthetic  
Synthetic

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

5 - 10  
5 - 10  
10 - 15

Print date: 16-09-25

**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.