

Typical Properties

Appearance at cloud point (11°C)	Clear limpid liquid with presence
Colour, Gardner	< 5
Freezing point, °C	6
HLB	11
Boiling point, °C	354
Flash Point, °C	173
Kauri-Butanol Value, IKB	69
Iodine Index, g I ₂ / 100g MIN	100 - 120
Acid Index, mg KOH/g	< 5
C18 Ester Content, %	> 73

Product Description

Oleris Esterol A have saturated and unsaturated, essentially in C18 (primarily oleate and linoleate) methyl esters of linear fatty acids.

Oleris Esterol A processed from castor oil, 100% vegetable oil origin.

Oleris Esterol A is readily biodegradable; HLB=11; can be formulated in aqueous solutions with non-ionic surfactants. If low temperature is needed we recommend to use Oleris® Esterol F.

Applications of **Oleris Esterol A**

- Lubricant additive (as viscosity regulator) in cutting oils and metal working fluids;
- Oily agent for the treatment of leather and textile;
- Degreasing and cleaning agent;
- Bio-based plasticizers in coatings and adhesives applications.

Print date: 29-04-26

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.