



Lexolube® Isopropyl Esters

Hydrolysis Resistant Metalworking Additives

PRODUCT DESCRIPTION

Lexolube® IPO and Lexolube® IPP are biodegradable, long chain fatty isopropyl esters. Isopropyl esters are partially blocked by carbon atoms so they are less likely to degrade by reacting with water. Lexolube® IPO is approved for use in indirect food contact applications (21 CFR Sec. 178.3570).

FEATURES

- Hydrolysis Resistance
- Excellent Inherent Lubricity
- Premium Quality
- Corrosion Protection
- Worker Friendly
- Readily Biodegradable

PHYSICAL PROPERTIES

Property, Units	*IPO	IPP
Appearance, Visual	Clear	Clear
Odor, Olfactory	Mild, Fatty	Odorless
Viscosity@40°C, cSt	5	5
Viscosity@100°C, cSt	2	2
Iodine Value, cg*I ₂ /g	180	190
Pour Point, °C	-25	12
Flash Point (COC), °C	175	165
Haze Point, °C	-20	ND
24hr Solidification, °C	-45	12
Biodegradability, 28 Days	98%	91%
% Bio-Based Carbon	86%	84%

*Lexolube® IPO is HX-1 approved for incidental food contact under 21 CFR 178.3570.

APPLICATIONS

- Semi-Synthetics
- Soluble Oils
- Neat Oils
- Vanishing Oils
- Worker Friendly
- Food Grade Oils (IPO)

STORAGE AND HANDLING

These products should be warehoused in unopened containers at ambient temperature. Consult material Safety Data Sheets (SDS) for handling procedures.

REGULATORY STATUS

- TSCA (USA)
- EINECS (EU)
- DSL (Canada)
- MITI (Japan)
- AICS (Australia)
- ECL (Korea)
- PICCS (Philippines, IPP Only)
- IECSC (China)