

# SMART EARTH™

## ECOLUBE

### PLANT BASED MULTI-PURPOSE LUBRICANT

Smart Earth ECOLUBE is a **high performance** biobased, biodegradable multi-purpose lubricant and penetrant. It surpasses the lubricity and performance of conventional lubricants.

#### APPLICATIONS

- Great for auto shops, industrial facilities, warehouses, marine, farming, outdoor industrial, and manufacturing operations
- Loosens rusty nuts and bolts on roll up doors
- Quiets squeaky hinges and moving parts
- Displaces moisture
- Protects from rust and corrosion on metal and electrical parts
- General purpose cutting, grinding and drilling metals
- Milling, tapping and reaming
- Lubricates all metal surfaces
- Lubricates tools

#### Performance BENEFITS

- **Superior Lubricity vs. Petroleum Products** – Improves productivity
- **Superior Adhesion** – Unique foaming action ensures bonding with target surfaces
- **Prevents Corrosion** by displacing moisture
- **Extremely High Fire and Flash Points** for added safety
- **Cooler Operating Temperature and Less Smoke** allow for higher operating speeds
- **Chlorine Free**
- **Environmentally Friendly**
- **Safe for Workers**
- **Multiple Applications** – Reduces lubricant inventory
- **Made from High Oleic Feed Stocks** – Renewable base oil
- **No Harmful Chemicals**



# TYPICAL PROPERTIES

	Value	Test Method
<b>Appearance</b>	Light Yellow	Visual
Viscosity @40°C, cSt.	40	ASTM D 445
Viscosity @100°C, cSt.	8.5	ASTM D 445
Flash Point, °C (°F)	310 (590)	ASTM D 92
Fire Point, °C (°F)	348 (658)	ASTM D 92
4-Ball Wear, mm	0.47	ASTM D 4172
4-Ball Weld, kg	250	ASTM D 2596
Pin & Vee Block Test	3335 lbs	ASTM D 3233A
Pour Point, °C (°F)	-20 (-4)	ASTM D 97
Rust Prevention (Distilled)	Pass; None	ASTM D 665 A
Rust Prev. (Syn. Seawater)	Pass; None	ASTM D 665 B
Base Oil Aquatic Toxicity	Non-Toxic	Daphnia
Base Oil Biodegradability	Pass	OECD 301

## SIZES AVAILABLE



311 g



19L



209L

For more information on  
**high performance Smart Earth biobased lubricants go to**  
**[smarteearthlubricants.com](http://smarteearthlubricants.com)**