

**Typical Properties**

Appearance	Amber
Specific Gravity@25°C	0.950 - 1.050
Viscosity@40°C, cSt	70 - 100
pH Value (5% Water Dilution)	8.5 - 9.5
Refractometer Reading (5% Water Dilution)	4.5 - 5.5
Std Packaging (NW / GW, Kg)	219.0 / 202.0

**Product Description**

**SMARTCUT EP369** is a universal high performance semi-synthetic concentrate that is suitable for both ferrous and non-ferrous metals.

**SMARTCUT EP369** is blended with extreme pressure (EP) additives and can be used for machining iron, stainless steel and alloy steel for middle-to-heavy duty applications, such as grinding, turning, milling tapping, drilling and so on.

**SMARTCUT EP369** can also be used for stamping on copper, iron and stainless steel due to its good protection for molds.

Aluminum is not suggested to be soaked in **SMARTCUT EP369** dilution for a long time, due to its high pH value.

**SMARTCUT EP369** contains packages against bacteria attack and corrosion; which can ensure long sump life of the fluid. In a word, **SMARTCUT EP369** is a general purpose semi-synthetic concentrate which is biologically stable and environmentally friendly.

**Benefits:**

- Use multipurpose EP additives and formulation;
- More effective cooling characteristic than general cutting oil and traditional soluble oil;
- High transparency for better viewing in operation;
- Biologically stable and no offensive odor even after long time usage;
- Effective protection against wear and seizure, which can prolong tool life.
- Ensure high precision and good surface finishing.

Distributors can mix **SMARTCUT EP369** at different proportions with water to blend different grades products. The recommended maximum dilution ratio is 35 (**EP369**): 65 (water).

**Applications**

Threading, Drilling  
Turning, Milling  
Grinding

**Dilution Ratios (360 : Water)**

1:10 - 1:20  
1:20 - 1:30  
1:30 - 1:40

Print date: 13-09-25

**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.