

**Supplier - SMART OIL**  
**SanCut EP369**

*EP Semi-Synthetic Ultra-Concentrate  
Semi-Synthetic Coolant Concentrates*

### 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

### 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

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