

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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