

Supplier - SMART OIL

**SanCut EP3561***EP Semi-Synthetic Ultra-Concentrate**Semi-Synthetic Coolant Concentrates***Typical Properties**

Appearance	Amber Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	90 - 150
pH Value (5% Water Dilution)	8.0 - 9.5
Refractometer Reading (5% Water Dilution)	4.0 - 4.4

**Product Description**

**SANCUT EP3561** is a high quality universal semi-synthetic coolant formulated for both ferrous and non-ferrous metals. It contains no sulfur, chlorine or phosphorus and nitrite additives. It is blended to give high performance with different advantages of esters that greatly enhances the anti-wear and wetting capabilities. The product can be used for machining irons, stainless steels, alloy steels, and aluminum alloys for middle-to-heavy duty applications, such as grinding, turning, milling tapping and drilling.

**SANCUT EP3561** is fully fortified with biocide, corrosion inhibitors, and wetting agents. Blenders can incorporate the product with chlorinated paraffin, phosphate ester or sulfurized compound to strengthen the extreme pressure characteristics.

**Benefits:**

- No sulfur compound is used in the formulation, so will not cause product deterioration easily;
- No chlorinated compound in the formulation, so will not easily cause skin allergy or poses a significant risk to the environment, which otherwise will result in adverse health effects such as cancer, endocrine disorders to human;
- No phosphate compound in the formulation, so that it will not cause product deterioration and environment issue;
- Effective against wear and seizure to prolong machinery and tool life;
- Biologically stable and no offensive odor even after long-time usage.

**Applications**

Threading, Drilling  
Turning, Milling  
Grinding

**Dilution Ratios (3561 : Water)**

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

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