

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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