

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 |
| Std Packaging (NW / GW, Kg) | 219.0 / 202.0 |

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

Print date: 30-08-25

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.