



SUNCUT ES – 10

SUNCUT ES-10 is a sulfur-chlorine type cutting oil for heavy cutting, blended plenty of extreme-pressure additives and oiliness improvers. (*Corresponding to defunct JIS Class 2 Type 15*). The high anti-depositing property restrains generations of built-up edges and improves surface qualities. Especially, this oil works on the cutting of alloy steels and stainless steels those have hard machinabilities.

❖ APPLICATION

1. Tapping, reaming and screw-thread cutting of carbon steels and alloy steels (*including stainless steels*)
2. Broaching of alloy steels
3. Precision cutting of alloy steels and stainless steels by automatic machineries

❖ TYPICAL PROPERTIES

<u>TEST ITEMS</u>	<u>TYPICAL VALUES</u>
Density (15 °C) g/cm ³	0.91
Appearance	Liver, limpid
Color (ASTM)	L 5.0
Viscosity (40 °C) mm ² /s	36.0
Flash Point (C.O.C) °C	224
Cooper Corrosion (100 °C x 1hr)	4
Fat Contents mass%	30.0
Sulfur Contents mass%	1.5
Chlorine Contents mass%	3.5