



PTT Hikut semi W 31

Semi-synthetic cutting fluid

Descriptions

- *PTT Hikut semi W 31* : The product is formulated from high lubricity and biostable additives. It is suitable for machining Aluminum and other general metals. The concentrate color is brown when dilute with water the color is white translucent.

Special Properties

- Excellent lubricity properties.
- Good cooling or remove heat during machining.
- Good rust and corrosion prevention.
- Resistance to foaming.
- Resistance to bacterial and fungal growth.
- No toxic substance such as Chlorine and Nitrate / Nitrite

Application

- Recommended concentration (%). (Dilution with water)

Metal / Process	Drilling	Milling	Tapping	Reaming
Cast Iron	3-5%	3-5%	5-7%	6-8%
Mild Steel	3-5%	3-5%	5-7%	6-8%
Alloy Steel	5-7%	5-7%	6-8%	8-10%
Aluminum	4-6%	4-6%	6-8%	6-8%

Typical Value

- Appearance	Brown
- Viscosity @ 40 °C, cSt	93.81
- pH (Dilution 1 : 20)	9.00
- Rust test / IP287	3.0% break point
- Emulsion stability / IP263	Pass
- Thermal stability / IP311	Good homogeneous
- Nitrate / Nitrite	none
- Chlorine	none

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