

RELIACUT FS 25

Chlorine-Free Anti-mist Cutting and Grinding Fluid

RILIACUT FS 25 is a chlorine-free fat-based anti-mist-reinforced type non-water-soluble cutting fluid blended with the new oiliness agent and mist inhibitor. **RILIACUT FS 25** can be used for light cutting and grinding of a wide range of materials such as non-ferrous metal, low-carbon steel and low-alloy steel. **RILIACUT FS 25** corresponds to JIS K 2241 Type N1, No.3.

●Special Features

1. Excellent cutting performance

Because **RILIACUT FS 25** is formulated with highly refined base oil and special oiliness agent, it has excellent cutting performance.

2. Excellent anti-mist properties

RILIACUT FS 25 contains special mist inhibitor that suppresses oil mist generated during the machining, thus improves the working environment.

3. Low odor

Since the additives of **RILIACUT FS 25** are low odor, the work environment is improved.

4. Visualization of the Machining Point

The machining point can be seen easily, because of the reduced floating mist and thin fluid color on the machining point.

5. Gentle for skin roughness

RILIACUT FS 25 may prevent skin roughness compared to the conventional cutting fluids because it uses highly refined base oils which have proper viscosity.

●Applications

Suited for light cutting and grinding of a wide range of materials such as nonferrous metal, low carbon steel, low alloy steel

●Containers

200-liter drums and 20-liter cans

●Typical properties of RILIACUT FS 25

Appearance		Light yellow
Color	(ASTM)	L0.5
Density	(15°C) g/cm ³	0.868
Viscosity	(40°C) mm ² /s	24.3
Viscosity	(100°C) mm ² /s	4.66
Flash point	(COC) °C	210
Pour point	°C	-12.5
Acid number	mgKOH/g	0.01
Copper corrosion(100°C,1h)		1
Fatty content	mass%	1
Sulfur content	mass%	0.25

Note: The typical properties are subject to change without notice.
(February 2012)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
Precautionary Statements:	<ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Prevention	
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.
Storage	<ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.