

RELIACUT FS 5

Chlorine-Free Anti-mist Cutting and Grinding Fluid

RILACUT FS 5 is low viscosity chlorine-free anti-mist cutting and grinding fluid formulated with special oiliness improvers. **RILACUT FS 5** is specially suited for honing, grinding, and fine-hole drilling of non-ferrous metals in applications where machining accuracy is critical. **RILACUT FS 5** corresponds to JIS K 2241 Type N1, No.1.

● Special Features

1. Excellent cutting & grinding performance

Because **RILACUT FS 5** is formulated with low viscosity base stock and oiliness improvers, it has excellent cooling, penetration and flushing properties.

2. Excellent anti-mist properties

RILACUT FS 5 contains special mist inhibitor that suppresses oil mist generated during the machining, thus improves the working environment.

3. Low odor

Since the additives of **RILACUT FS 5** 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. Economical

Its low viscosity formula means reduced fluid consumption, since less fluid sticks to the workpiece and chips. **RILACUT FS 5** is a good economic choice.

● Applications

Suited for honing, grinding, and fine-hole drilling of non-ferrous metals

● Containers

200-liter drums and 20-liter cans

● Typical properties of RILACUT FS 5

Appearance		clear
Color	(ASTM)	L0.5
Density	(15°C) g/cm ³	0.817
Viscosity	(40°C) mm ² /s	4.36
Viscosity	(100°C) mm ² /s	1.57
Flash point	(COC) °C	154
Pour point	°C	-20
Acid number	mgKOH/g	0.01
Copper corrosion(100°C,1h)		1
Fatty content	mass%	1
Sulfur content	mass%	<0.01

Note: The typical properties are subject to change without notice.
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Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Additives
Precautionary pictograms:	
Signal word:	Danger
Hazard Statement:	May be fatal if swallowed and enters airways
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.
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.• Do NOT induce vomiting.
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.• Store locked up.
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.