

RELIACUT TG30

Chlorine-free Anti-mist Water-insoluble Grinding Oil

RELIACUT TG30 is a chlorine-free anti-mist water-insoluble grinding oil blended with special extreme pressure additives and anti-mist agents. It is suitable for grinding high-hardness alloy steel (gears), cemented carbide and tool steel (tools).

● SPECIAL FEATURES

1. Excellent Grinding Performance

Because **RELIACUT TG30** is blended with carefully selected new extreme pressure additives and friction modifiers, it exhibits excellent grinding performance in groove grinding of high-hardness gears, ball screws and tools where high surface finish accuracy is required.

2. Excellent Anti-Mist Performance

RELIACUT TG30 contains special mist prevention agents that reduce the amount of oil mist formed during machining. Thus, improved working environment would be obtained.

3. Visualization of the Machining Point

RELIACUT TG30 enables users to observe the machining point easily because of the reduced floating mist and light oil color.

● APPLICATIONS

Heavy grinding in gear grinding machines and tool grinding machines.

● CONTAINERS

200-liter drum and 20-liter pail can

● TYPICAL PROPERTIES OF RELIACUT TG30

Appearance			Light yellow, Liquid
Color	(ASTM)		L0.5
Density	(15°C)	g/cm ³	0.878
Kinematic viscosity	(40°C)	mm ² /s	27.3
Flash point	(COC)	°C	214
Pour point		°C	-42.5
Acid number		mgKOH/g	6.22
Copper strip corrosion	(100°C, 1h)		1

Note: The typical properties may be changed without notice. (October 2024)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Hazard 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/doctor.• 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.