

RELIACUT TG-P30

Non-chlorine water-insoluble tool grinding oil with high flash point

RELIACUT TG-P30 is a non-chlorinated, water-insoluble tool grinding oil blended with high-performance, high flash point base oils and additives with high technology. Because a special synthetic oil is used as part of the base oil, **RELIACUT TG-P30** has a high flash point compared to general products of the same viscosity grade. **RELIACUT TG-P30** is suitable for thread grinding of high strength materials and grinding of high-speed steel.

● Special Features

1. Excellent Grinding Performance

RELIACUT TG-P30, which uses highly refined base oils and proprietary additive technology, provides excellent grindability in thread grinding of high-strength materials and grinding of high-speed steel that require finishing surface accuracy.

2. Flash point is over 250 °C

Since **RELIACUT TG-P30** uses high-performance, high flash point base oils and has a flash point of 250 °C or higher, it can contribute to an increase in the stocks

3. Excellent filterability

When **RELIACUT TG-P30** is used, clogging of the filter due to grinding powder is less likely to occur, and equipment trouble due to filter blockage will be prevented. **RELIACUT TG-P30** is especially effective for backwash filters often used in grinding machines.

4. Low Odor

Since low odor additives are used, the odor of the oil is small. This reduces the burden on operators.

● Applications

Screw grinding and tool grinding of carbon steel to alloy steel

● Containers

200-liter drums and 20-liter cans

● Typical Properties of RELIACUT TG-P30

Appearance		Light yellow, Liquid
Color(ASTM)		L0.5
Density(15°C)	g/cm ³	0.853
Kinematic viscosity(40°C)	mm ² /s	30.7
Flash point(COC)	°C	258
Pour point	°C	-12.5
Acid number	mgKOH/g	1.7
Copper corrosion(100°C, 1h)		1
Fatty content	mass%	13
Sulfur content	mass%	0

Note: The typical properties may be changed without notice. March 2020)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Harmful to aquatic life with long lasting effects
Precautionary Statements: Prevention	<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.• Avoid release to the environment.• 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.
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.