

RELIACUT TG-P30

Chlorine-free, High-Flash Point Type Water-Insoluble Tool Grinding Oil

RELIACUT TG-P30 is a chlorine-free, water-insoluble tool grinding oil that uses high-performance, high flash point base oils and applies proprietary additive technology. Because a special synthetic oil is used as part of the base oil, **RELIACUT TG-P30** has a higher 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, exhibits excellent performance in thread grinding of high-strength materials and grinding of high-speed steel that require finishing surface precision.

2. Flash Point above 250°C

Since **RELIACUT TG-P30** uses high-performance, high flash point base oils, it guarantees a flash point above 250°C.

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 oil has a minimal odor, reducing the burden on operators.

● APPLICATIONS

Thread grinding of carbon steel to alloy steel
Tool grinding

● CONTAINERS

200-liter drum and 20-liter can

● **TYPICAL PROPERTIES OF RELIACUT TG-P30**

Appearance			Light yellow, Liquid
Color	(ASTM)		L0.5
Density	(15°C)	g/cm ³	0.854
Kinematic viscosity	(40°C)	mm ² /s	30.5
Flash point	(COC)	°C	258
Pour point		°C	-12.5
Acid number		mgKOH/g	1.67
Copper corrosion	(100°C, 1h)		1
Fatty oil content		mass%	13.6
Sulfur content		mass%	0

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:	Harmful to aquatic life with long lasting effects
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. • 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/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.