

RELIAPRESS RC Series

Chlorine-free high performance deformation processing oil for stainless steel material

RELIAPRESS RC Series is press oil especially for press works such as deep-drawing, punching and bending work of hard-to-process materials such as SUS304 stainless steel. **RELIAPRESS RC Series** greatly improves the processing performance compared to conventional non-chlorine processing oil, and it can perform hard processing of stainless steel materials with performance comparable to that of chlorinated processing oil.

● Special Features

- RELIAPRESS RC** has high processing performance comparable to that of chlorinated processing oil by using original additive blending technology that does not use chlorine type additives.
- RELIAPRESS RC** is environmentally-friendly oil free of dioxin generation, because chlorine additives are not contained.
- RELIAPRESS RC** will be able to reduce waste and cost of waste oil treatment, because it does not contain chlorine or lead additives. It can also prevent forming rust on products and machines.
- RELIAPRESS RC** can be applied to a wide range of materials except aluminum and copper. In

particular, it will deliver high performance in the processing of SUS material.

● Applications

RELIAPRESS RC is suitable for metal forming such as deep drawing, punching and bending of steel sheets (carbon steel sheet and galvanized steel sheet) and stainless steel plate. It can also be applied to fine blanking processing.

● Containers

200-liter drums and 20-liter cans

● Typical Properties of RELIAPRESS RC Series

Grade		100	150
Color(ASTM)		L8.0	L7.5
Density (15°C)	g/cm ³	1.040	1.056
Kinematic viscosity (40°C)	mm ² /s	95	140
Flash point (COC)	°C	140	168
Pour point	°C	-35	-37.5
Acid number	mg KOH/g	12.5	13.3
Saponification number	mg KOH/g	150	150
Copper strip corrosion(100°C,1h)		4	4
Sulfur content	mass%	14	14

Note: The typical properties may be changed without notice. (Feb. 2017)



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.