



Introducing Non-Chlorine Press Oil

Non-Chlorine Press oil E series

Many chemical substances have come to be seen as problematic one after another due to various issues surrounding the earth and the living environment. Processed oil is no exception. Processing oils containing chlorine compounds, an additive with excellent anti-seizure properties, are facing increasing new challenges, such as concerns about the generation of dioxins when waste oil is incinerated. We take these challenges seriously and strive every day to play a leadership role in the industry. The E series is a processing oil that meets such social demands.

What is E series?

- No chlorine-based extreme pressure agents are added.
- Does not fall under the PRTR Act.
- As it is non-chlorine based, it is effective in preventing rust on products.
- As it is non-chlorine based, no chlorine gas affects the incinerator.
- As it is non-chlorine based, waste oil collection fee is low.

EL series

Product name	Features
EL-7100	• Good cleaning and weldability. Many may worry about poor cleaning of adhering oil or poor coating or plating due to tar formation during welding. This series pays particular attention to cleanability and weldability.
EL-7110	
EL-7120	
EL-7130	• Excellent rust resistance. Conventional chlorine-based press oils have always had concerns such as rust formation due to intense processing heat and welding heat. The thermally decomposed chlorine reacts with the surrounding moisture to form hydrochloric acid. By using this series, you will be free from worrying about rust caused by chlorine.
EL-7140	
EL-7150	
EL-7160	
EL-7170	• Lineups ranging from low viscosity to high viscosity. We offer 8 grades of viscosity to meet your needs from general punching to deep drawing. Depending on your needs we can also provide your desired viscosity grade.

LUBE TECHNOLOGY CO., LTD.

22nd FL., Paso Tower, 88 Silom Rd.,
Suriyawong, Bangrak, Bangkok 10500, Thailand
TEL: 0-2634-3855 FAX: 0-2634-3856
sales@lubetech.co.th



EM series

Product name	Features
EM-7200	<ul style="list-style-type: none">• With this series, you can clear most machining tasks. With the EM series, you can handle a wide range of applications from general punching to drawing of thick plates. There are 8 grades of viscosity, and we can also provide your desired viscosity grade if necessary.• Excellent rust resistance. Conventional chlorine-based press oils have always had concerns such as rust formation due to intense processing heat and welding heat. The thermally decomposed chlorine reacts with the surrounding moisture to form hydrochloric acid. However, if you use this series, you will be free from worrying about rust caused by chlorine.• This series is also easy to clean. Many companies may be worried about poor painting or plating caused by improper cleaning of adhering oil. This series is also easy to clean.
EM-7210	
EM-7220	
EM-7230	
EM-7240	
EM-7250	
EM-7260	
EM-7270	

EH series

Product name	Features
EH-7300	<ul style="list-style-type: none">• The EH series has particularly high performance. It is said that changing from chlorine-based to non-chlorine-based oils reduces machining performance and increases seizure, but this EH series is an oil that solves these problems, and has particularly excellent galling and seizure resistance high performance oil.• Excellent rust resistance. Conventional chlorine-based press oils have always had concerns such as rust formation due to intense processing heat and welding heat. The thermally decomposed chlorine reacts with the surrounding moisture to form hydrochloric acid. However, if you use this series, you will be free from worrying about rust caused by chlorine.• We have a lineup ranging from low viscosity to high viscosity. We offer 8 grades of viscosity to meet your needs, from general punching to drawing and ironing of thick plates. If necessary, we can also provide the desired viscosity grade.
EH-7310	
EH-7320	
EH-7330	
EH-7340	
EH-7350	
EH-7360	
EH-7370	

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EP series

Product name	Features
EP-7400	<ul style="list-style-type: none">The EP series has particularly excellent corrosion and rust resistance. This series does not contain sulfur-based additives and is specially designed to protect copper and copper alloys from corrosion. In addition, with conventional chlorine-based press oils, there has always been a concern about rust and oil burns due to intense processing and welding heat, and the series can be expected to have the same level of rust prevention properties as applying rust preventive oil.This series also has good cleaning and weldability. Many companies may be worried about poor cleaning of adhering oil or poor coating or plating due to tar formation during welding. This series has good cleaning and weldability.
EP-7410	
EP-7420	
EP-7430	
EP-7440	
EP-7450	
EP-7460	

New EP series

Product name	Features
EP-7401	<ul style="list-style-type: none">We have eliminated the influencing factors derived from additives to ABS resin, which is commonly used in the market.Excellent corrosion and rust resistance. You can expect the same level of rust prevention as applying rust preventive oil.Although it is non-chlorine, it has excellent ironing properties, prevents seizure, and improves the appearance of scratches.Good cleaning and weldability.Can be used for almost all materials such as steel plate, aluminum, copper, SUS, etc.
EP-7411	
EP-7421	
EP-7431	
EP-7441	
EP-7451	
EP-7461	

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EPH series

Product name	Features
EPH-7500	<ul style="list-style-type: none">• The EPH series has high performance. This series is a high-performance oil that has good sliding lubricity due to the action of a special lubricant in addition to seizure resistance, and emphasizes drawing performance.• Has particularly good rust prevention and cleaning properties. Conventional chlorine-based press oils have always had concerns such as rust formation due to intense processing heat and welding heat. Not only does the EPH series not have to worry about rust caused by chlorine, but it can also be expected to have the same level of rust prevention as applying rust preventive oil. Furthermore, EPH has good cleaning properties.• We have a lineup ranging from low viscosity to high viscosity. We offer 8 grades of viscosity to meet your needs, from general punching to drawing and ironing of thick plates. If necessary, we can also provide the desired viscosity grade.
EPH-7510	
EPH-7520	
EPH-7530	
EPH-7540	
EPH-7550	
EPH-7560	

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Lube Technology Co., Ltd.

Introducing Rust-Proof Press Oil

Rust-Proof Press oil PG series

The PG-3### series is lined up such that you can select a product that matches the conditions after press processing. In particular, the basic design is designed to strengthen rust prevention in the storage environment after press processing, and it provides excellent metal protection. Can be applied to all materials and no need to worry about discoloration or corrosion. We have a wide range of products from grades suitable for multi-processes including laddering to deep drawing of tandem thick plates.

Representative product

[PG-3246 Press Oil - Water-insoluble, non-chlorine-based, rust-proof type -](#)

PG-3246 is a non-chlorine and non-sulfur press oil mainly used for bending and drawing (deep) processing of steel plates. Has excellent alkaline degreasing properties and can be used for welding, with almost no rust or tar formation. It can be applied to a wide range of surfaces, including surface-treated steel sheets, non-ferrous metals such as aluminum and copper, and has a proven track record in stamping automobiles, electrical parts, etc.

[PG-3740 Press Oil - Water-insoluble, non-chlorine, rust-proof -](#)

PG-3740 is a chlorine-free, non-sulfur based, high viscosity anti-corrosion type press oil mainly used for deep to very deep drawing of steel plates. In particular, it has superior rust prevention and degreasing properties compared to products of the equivalent viscosity. It also has excellent welding resistance and almost no occurrence of rust or tar formation caused by the amount of adhesion. Also, it is suitable for surface-treated steel sheets, aluminum, copper, etc. It can be applied to a wide range of materials and has many achievements in deep drawing in the automobile and electrical parts industries, including oil pan molding.

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