

## Topic: Biodegradable Steel Casting Lubricants

980ils Products	RANDOCAST 130
Applications	Steel Casting Industry
Customers /Location	Vinakyoie (VNK), Vietnam
Competitors	Shikoku Japan, Satya India, Bumhwoo Korea, Arabol India, Vekocast Italia, Quaker UAE, Palm oil local supplier
Materials	Steel billet
Process/Machines	Continuous casting machine
Customer Requirements	Good lubrication

### Introduction:

- Vina Kyoie Steel Ltd., Co. was established in January 1994 and comprised of **Kyoie Steel, Mitsui, Marubeni - Itochu** and **Vietnam Steel Corporation**. Started operation since January 1996 mainly supply steel billet with total design capacity nearly 500,000 million metric ton per year.
- Consumption for Randocast 130: 0.12 lit per ton

### Applications:

- RANDOCAST 130 continuous casting oil is specifically designed for use in the Steel Casting Industry.

### Properties:

- RANDOCAST 130 is Mould Lubricating Oil (Rapeseed Oil) that helps in continuous casting with wettability additive. Formulated using advanced machines and improved formulas, these oils have high viscosity index to work smoothly at elevated temperatures, having an elevated & high flash point, prevents sticking of steel to the mould as well as copper pitting. It exhibits very good oxidation stability and provides excellent pumpability.

### Key Benefits:

- Maintains good and stable metal surface properties.
- Keeps the metal surface smooth and free of defects.
- Extra lubricity minimizes friction, giving an increased production rate.
- Low Smoke and environment- friendliness.

### Summary:

- Nearly 10 years in Vietnam, Randocast 130 has been popular in the market. The product's appearance to be easy to recognize. The price still high, then some customers change to use casting powder such as Hoa Phat, Cao Bang, Viet Trung, Tisco, Possco SS.

Picture :



Steel Casting Mold made from Copper.



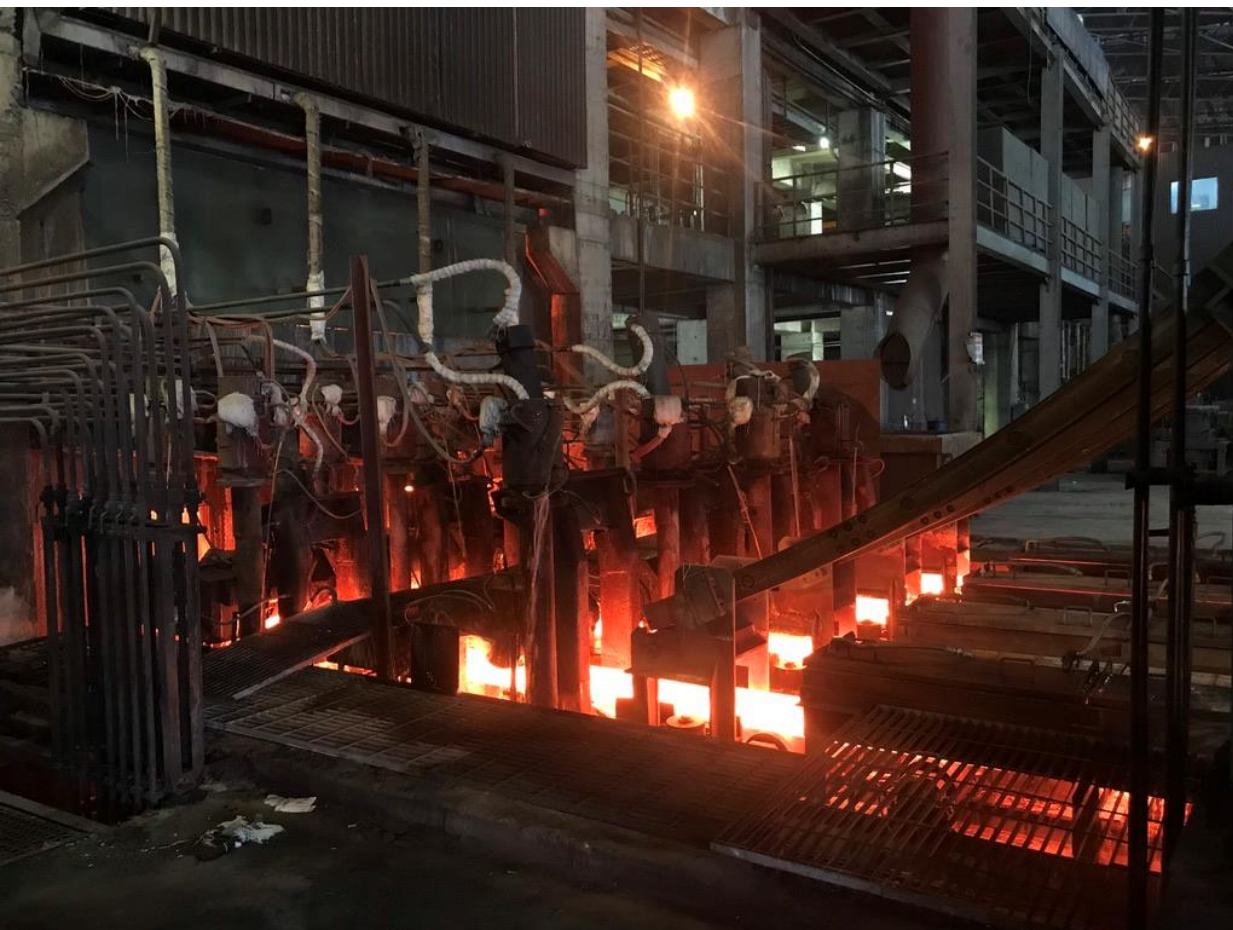


Casting to be Billet.





Casting Process







From EAF thru Copper Mold

