

IRONCAST SY 50



Metalworking



Synthetic mould release fluid.

APPLICATIONS

- **IRONCAST SY 50** is a synthetic mould release fluid for the continuous casting of steel billets.
- **IRONCAST SY 50** has an excellent oxidation resistance and leaves no residue during the casting process. It prevents direct contact between the steel and the internal walls of the mould, thereby permitting continuous flow and a uniform cooling of the steel.
- **IRONCAST SY 50** enables increased productivity as regards the continuous casting systems of the steel by preventing inclusions of superficial oxides and avoiding formation of solid deposits liable to harm the quality of the steel ingot.

SPECIFICATIONS

- **IRONCAST SY 50** is homologated by **CONCAST INDIA LTD.**

ADVANTAGES

- High flash and spontaneous ignition.
- Excellent oxidation resistance.
- Ashless product leaving no residue.
- Strongly reduces formation of fumes.
- Higher quality of finished product.
- Increased mould service life.

TYPICAL CHARACTERISTICS	METHODS	UNITS	IRONCAST SY 50
Appearance	visual	-	Clear and bright
Density at 15°C	ISO 3675	kg/m ³	919.5
Viscosity at 40°C	ISO 3104	mm ² /s	51
Viscosity at 100°C	ISO 3104	mm ² /s	9.5
Flash point (Open Cup)	ISO 2592	°C	306
Saponification number	ISO 3567	mg KOH/g	170 - 190
Acid number	ISO 6618	mg KOH/g	<0.1

Above characteristics are average values given as an indication.