



# MAKER EMPATEM CC 50 GS

## Description

High performance lubricant formulated using hydrogenated base oil (from hydrocracking) thickened with synthetic technology and specially selected additives that provide the fluid with the required properties for continuous steel casting jobs. The ideal lubricant where high performance oils are required that minimize the formation of carbonaceous waste, maximizing the lubrication of ingot moulds and improving the surface finish of the ingots.

## Properties

- Provides a good ingot finish.
- Minimum sulphur content, which prevents possible toxicity for the operators and corrosion of the ingot moulds.
- Very low aromatic content, reducing annoying fumes.
- Good lubricating power in any situation.
- Minimum losses due to volatility.
- Low tendency of carbonaceous waste formation.

## Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Clear and bright
Colour	-	ASTM D1500	1.0
Density at 15 °C	g/mL	ASTM D4052	0.851
Viscosity at 40 °C	cSt	ASTM D445	50
Viscosity at 100 °C	cSt	ASTM D445	8.27
Viscosity index	-	ASTM D2270	139
Flash point, open cup	°C	ASTM D92	225
Aniline point	°C	ASTM D611	95
Pour point	°C	ASTM D97	-24
Saponification index	mg KOH/g	ASTM D94	14
Noack volatility, 1h at 150 °C	%	DIN 51581	1.3
Ramsbottom carbon	%	ASTM D524	0.01
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1a

The above mentioned characteristics are typical values and should not be considered product specifications.