

EMPATEM CC-50 GS

INDUSTRY



Lubricants

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 characteristics

	UNIT	METHOD	VALUE
Appearance		Visual	Shiny and Transparent
Colour		ASTM D 1500	1.0
Density at 15 C	g/ml	ASTM D 4052	0.848
Viscosity at 40°C	cSt	ASTM D 445	50
Viscosity at 100°C	cSt	ASTM D 445	8.27
Viscosity Index		ASTM D 2270	139
Open cup flash point	°C	ASTM D 92	225
Aniline point	°C	ASTM D 611	95
Freezing point	°C	ASTM D 97	-24
Saponification Index	mg KOH/g	ASTM D 94	14
Noack volatility, 1h at 150°C		DIN 51581	1.3
Carbon Ramsbottom	%	ASTM D 524	0.01
Cu Corrosion, 3h at 100°C		ASTM D 130	1a

A product safety sheet is available upon request.

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Lubricants technical data sheet. Revision 1. December 2018.