



Description

Hydrogenated base oil (from Hydrocracking) with special additives that provide the properties required in continuous steel casting. Empatem CC-30 GS is particularly suitable for lubricating the extraction from the mould of cast steel prepared in the crucible in cases where minimum carbonaceous residue is needed.

Properties

- Provides a good finish on the ingots.
- Minimum sulphur content, meaning that possible toxicity of machine operators is avoided, as is corrosion of the moulds.
- Very low aromatic content, thus reducing bothersome smoke.
- Good lubricating power for the requirements it is subject to.
- Minimum losses due to volatility.
- Low tendency to form carbonaceous residue.

Technical specifications

	UNIT	METHOD	VALUE
Colour	-	Visual	1.5
Density at 15 °C	g/cm3	ASTM D4052	0.840
Kinematic viscosity at 40 °C	cSt	ASTM D445	32
Kinematic viscosity at 100 °C	cSt	ASTM D445	6
Viscosity index	-	ASTM D2270	135
Aniline point	°C	ASTM D611	95
Flash point, open cup	°C	ASTM D92	225
Pour point	°C	ASTM D97	-20
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1a
Noack volatility, 1h at 150 °C	% in weight	CEC L-40-93	2
Ramsbottom carbon	%	ASTM D524	0.02
Saponification index	mg KOH/g	ASTM D94	14

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