

Description

A natural paraffin mineral oil with low viscosity, formulated with refined base oils and specially selected additives, which provide the properties required to overcome the difficult conditions needed for the normal hot dip coating of steel. Ibertem-15 is particularly suitable for normal, cold hardening work; where the bath temperature is between 40 and 80°C. This kind of oil is used with steel alloys and is formulated to last a long time.

Properties

- Appropriate additives are used to achieve good resistance to oxidation and the formation of sludge and dirt.
- Very good thermal stability and low volatility, which reduces smoke and the risk of fire.
- Good foam resistance.
- Uniform and lasting hardening capacity.

Technical specifications

	UNIT	METHOD	VALUE
Appearance			Glossy and transparent
Colour		ASTM D 1500	< 2.5
Density at 15 °C	g/mL	ASTM D 4052	0.865
Viscosity at 40 °C	cSt	ASTM D 445	24
Viscosity at 100 °C	cSt	ASTM D 445	4,5
Viscosity index		ASTM D 2270	100
Flash point O/C	°C	ASTM D 92	200
Aniline point	°C	ASTM D 611	95
Neutralisation index	mg KOH/g	ASTM D 974	0.1
Noack volatility, 1 hr at 150 °C		DIN 51581	0.85
Copper corrosion		ASTM D 130	1b

A safety data sheet is available on request.

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