



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. It 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
Colour	-	ASTM D1500	<2.5
Appearance	-	Visual	B & T
Density at 15 °C	g/cm ³	ASTM D4052	0.869
Kinematic viscosity at 40 °C	cSt	ASTM D445	24
Kinematic viscosity at 100 °C	cSt	ASTM D445	4.5
Flash point, open cup	°C	ASTM D92	210
Cooling curve			Annex
Cooling speed at 300 °C	°C/s	ISO 9950	6.77
Maximum cooling rate (MCR)	°C/s	ISO 9950	84.83
Temperature for MCR	°C	ISO 9950	601.1
Time at 200 °C	s	ISO 9950	49.62
Time at 400 °C	s	ISO 9950	15.25
Time at 600 °C	s	ISO 9950	10.37

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

