

TECHNICAL DATA SHEET

FERROCOTE® I 6130 HRPO

CORROSION PREVENTIVE OIL AND PRELUBE FOR HOT ROLLED PICKLED AND OILED (HRPO) STEEL SHEET

FERROCOTE® I 6130 HRPO is a corrosion preventive specially developed for Hot Rolled steel to be oiled after pickling. This oil is for application on the HR steel surface to prevent rusting after the removal of the undesirable scales by acidic pickling process. Based on the widely used and approved FERROCOTE® I 6130 backbone, this product has a high active oil film with a superior wetting characteristics that protects the strip during transportation and long term indoor storage. The product also provides excellent lubrication similar to FERROCOTE® I 6130 in forming and stamping / drawing operations .

During designing and development of FERROCOTE® I 6130 HRPO, emphasis was given on the improved cleanability properties especially on aged coils..

Applications

Low viscosity and allows application by rolling, spraying at ambient conditions. Excellent film control can be obtained by Electrostatic spraying

Recommended film weight [g/m²] = 0.8 * Ra[μm]

Recommendation For Use

FERROCOTE® I 6130 HRPO is used neat as supplied.

Health, Safety And Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions. It should be stored in dry conditions and protected from extreme temperature: 4-40 ° C is the recommended storage temperature.

Benefits

- Easy application, also in old roll-on systems
- Stable, no heated storage required
- No hazardous components- Barium free, low aromatic
- Good cleanable characteristics even after prolonged ageing
- Very good lubrication properties on multiple surfaces

Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Clear amber liquid	[-]
Kinematic viscosity	26	[mm ² /s, 40° C]
Density	0.88	[g/cm ³ , 30 ° C]
Flash Point(C.O.C)	> 150	[° C]
Corrosion protection CRS DIN 50017 - KFW	> 30	[Cycles]
Cleanability VDA 230-213	Pass	[-]
Copper Corrosion	Grade -1	ASTM D 130

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