Magnetic Particle Inspection

Product information
MR® 72 LS White Contrast Paint

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MR® 72 LS White Contrast Paint

for magnetic particle inspection according to DIN EN ISO 9934 part 1
paintable[*)] and overweldable[**)]

General appearance and composition:

- Contains solvents, free of aromatics, dries quickly
- MR® 72 LS White Contrast Paint serves to lighten the surface of the work piece when performing non fluorescent magnetic particle inspection with MR® 76 S or other black magnetic powder suspensions
- Testing security is guaranteed at work piece temperatures between +10 °C and +50 °C
- Temperature resistant up to +80 °C
- [*)] The possibility to paint on MR 72 LS refers to a specific 2-components-lacquer-system. If using other systems, this needs testing for every single case.
- [**)] Criteria for overwelding see test report no. 13090 of the SLV Berlin dd. 26.07.2010 (currently in German only)

Relevant approvals and specifications

- Type testing in accordance to DIN EN ISO 9934 part 2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 6, T-641 and DIN EN ISO 9934 part 2
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas
- Overweldablility, report no. 13090 of the SLV Berlin dd. 26.07.2010

Application:

- Remove fat and oil (e.g. with MR® 71 Paint Remover) as well as tinder, rust and other contaminations from surface in a suitable manner
- Spray a thin film MR 72® White contrast paint (layer thickness max. 40 µm) on the surface and allow to dry for a few seconds
- Apply MR® 76 S Magnetic powder suspension black or one of our other suspensions (e.g. MR® 220, MR® 221, MR® 225) on the surface during magnetization (e.g. with a MR® Hand yoke)
- Discontinuities will appear as black magnetic particle indications on the white surface
- After documentation the surface can be cleaned with MR® 71 Paint Remover

Minimum durability:

- Will keep for a minimum of 4 years, stored at room temperature

Pack sizes:

- Aerosols, 500 ml (1 box contains 12 aerosols)
- 5 L