



# Magnetic Particle Inspection

Product information

MR<sup>®</sup> 76 F Magnetic powder suspension



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fluorescent, ready for use, for magnetic particle inspection according to DIN EN ISO 9934 part 1

### General appearance and composition:

- Mixture of isoparaffinic carbonhydroxides, additives and pigments
- MR<sup>®</sup> 76 F Magnetic powder suspension fluorescent serves to indicate cracks when performing magnetic particle inspection under UV-light
- Medium particle size:  $d_a = 3-4 \mu\text{m}$
- Low odour, oil based
- Sediment: 0,2-0,3 ml / 100 ml (1 h)

### 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
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas, admitted by Framatome ANP
- Produits et Matériaux Utilisables en Centrales (PMUC)
- Aerosol overhead sprayable

### Application:

- Remove fat and oil (e.g. with MR<sup>®</sup> 71 Paint Remover) as well as tinder, rust and other contaminations from surface in a suitable manner
- Apply MR<sup>®</sup> 76 F Magnetic powder suspension fluorescent on the surface during magnetization (e.g. with a MR<sup>®</sup> Hand yoke)
- Under UV-light discontinuities will appear as yellow-green fluorescent magnetic particle indications on surface
- After documentation the surface can be cleaned with MR<sup>®</sup> 71 Paint Remover
- Processing temperature max. 100 °C

### Minimum shelf life:

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

### Pack sizes:

- Aerosols, 500 ml (1 box contains 12 aerosols)
- 5 L, 10 L