



# Magnetic Particle Inspection

Product information

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

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## MR<sup>®</sup> 761 F Magnetic powder suspension

fluorescent, ready for use, "high brilliance",  
for Magnetic Particle Inspection acc. to EN ISO 9934-1

### General appearance and composition:

- Mixture of isoparaffinic carbonhydroxides, additives and pigments
- MR<sup>®</sup> 761 F Magnetic powder suspension fluorescent serves to indicate cracks when performing magnetic particle inspection under UV-light
- Medium particle size:  $d_a = 1-3 \mu\text{m}$
- Low odour, oil based
- High brilliance fluorescence
- Sediment: 0,2-0,3 ml/100 ml (1 h) (corresponds with ASTM E 1444)
- Processing +10 bis +50°C

### Relevant approvals and specifications:

- Type testing according to EN ISO 9934-2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 7
- The corrosive components of MR<sup>®</sup> 761 F are in accordance with EN ISO 9934-2

### 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> 761 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

### 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, 10 L