



# Magnetic Particle Inspection

Product information

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



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fluorescent, ready for use, System "Hot"

for magnetic particle inspection according to DIN EN ISO 9934

### General appearance and composition:

- High-boiling isoparaffin with yellow-green fluorescent iron oxide pigments
- MR<sup>®</sup> 76 F H Magnetic powder suspension fluorescent, System "Hot" serves to indicate cracks when performing fluorescent magnetic particle inspection, highly sensitive test medium for **temperature ranges from 50-185°C**
- Yellow-green fluorescent under UV-light
- Flash point medium: > 300 °C
- Medium particle size  $d_a = 1-3 \mu\text{m}$
- Sediment: 0,1 – 0,2 ml/100 ml (1 h)
- In bulks no declaration of hazardous ingredients – ECO-Line
- Low odour
- Aerosol over head sprayable

### Application:

- Remove tinder, rust and other contaminations from surface in a suitable manner
- Apply MR<sup>®</sup> 76 F H on the surface during magnetization
- Under UV-light discontinuities will appear as yellow-green fluorescent magnetic particle indications on surface

### Safety precautions:

- On use in higher temperature ranges, the risks associated with this should be adequately considered. Burns to the skin, flammability and vapour build up of substances may mean corresponding dangers. The work area must always be suitably ventilated and personnel exposure carefully assessed.

### 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)
- 1 L, 5 L