



# Magnetic Particle Testing

*Product information*

*MR<sup>®</sup> 225 Magnetic Powder Concentrate*



## MR<sup>®</sup> 225 Magnetic powder concentrate

black, oil dispersable, 1:100

for magnetic particle inspection according DIN EN ISO 9934-1

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### General appearance and composition:

- magnetic powder concentrate with ferromagnetic particles, dispersable in oil, biologically degradable
- free of nitrite, halogene, silicone
- medium particle size  $d_a = 0,2 \mu\text{m}$
- sediment: 0,2-0,3 ml / 100 ml (1 h)

### Application:

- remove tinder, rust and other contaminations from surface in a suitable manner
- dilute 1:100 in MR<sup>®</sup> 82 Flux oil
- for a good contrast spray a thin film MR 72<sup>®</sup> White contrast paint (layer thickness max. 40  $\mu\text{m}$ ) on the surface
- during magnetization (e.g. with a MR<sup>®</sup> 52 Hand yoke) spray the preparation on the surface
- discontinuities will appear as black magnetic particle indications
- after documentation the surface can be cleaned with MR<sup>®</sup> 71 Remover

### Minimum durability:

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

### Pack sizes:

- 1 L