



Magnetic Particle Testing

Product information

MR® 82-R Flux Oil



PRODUCT DESCRIPTION

- Carrier liquid for fluorescent and coloured Magnetic Particle Inspection with oil suspendable MR® magnetic powders, according to EN ISO 9934-1
- No declaration of hazardous ingredients according to CLP regulation (EC) no. 1272/2008 – ECO-LINE



PRODUCT CHARACTERISTICS

Chemical characterization:	Fatty acid ester
Colour under daylight:	clear
Flashpoint:	150°C - 175°C
Density (20°C):	0,855 g/cm ³
Density (38°C):	0,840 g/cm ³
Dynamic viscosity (20°C):	5,500 mPa s
Dynamic viscosity (38°C):	3,600 mPa s
Saybolt colour number:	+30
Odour:	odourless
Skin compatibility:	✓
Corrosion inhibitor:	✓
Wetting agent:	✓

APPROVALS/SPECIFICATIONS

EN ISO 9934-2	✓
ASTM E709	✓
ASTM E1444/1444M	✓
ASME Code V, Art. 7	✓
ASME B & PV Code, Sec V	✓
RCCM	✓

Low content of halogens and sulphur according to EN ISO 9934-2.

DELIVERY FORM



MINIMUM SHELF LIFE

- 4 years, stored at storage temperature

TEMPERATURES

- Storage: +5°C - +45°C
- Usage: -10°C - +135°C

FURTHER INFORMATION

- Process description according to EN ISO 9934-1 available on request or on www.mr-chemie.de.