
**FLUORESCENT INSPECTION MEDIA FOR MAGNETIC PARTICLE TESTING**

For magnetic particle testing the HELLING Company offers a complete line of fluorescent media in form of dry powders, liquid and dry concentrates and ready-to-use oil-based suspensions.

The HELLING Dry Magnetic Powders excel in their high fluorescence coefficient, defined grain size distribution as well as purity and assure the indication of the finest defects.

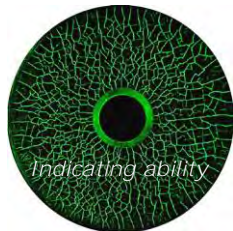
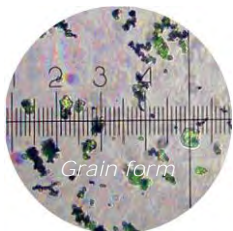
The liquid and dry concentrates for preparing of water-based magnetic particle suspensions contain all necessary wetting, antifoam and antirust agents. These concentrates are used also for testing of corrosion-sensitive parts. The usage of concentrates also lessens the shipping and storing costs significantly.



The ready-to-use suspensions are an ideal inspection material for testing at construction sites and mounting pads or for sampling inspection. The suspensions are based on colorless, odor-free, non-irritant, low-viscosity oils. The oils do not contain fluorescing components. Thus, brilliant indications at high contrast are achieved.

Furthermore, the HELLING delivery program also includes aerosol systems (V.O.C.-free) for quick, handy and efficient magnetic particle testing, also under field conditions.

The HELLING inspection media meet the requirements of ASME-Code Section V, ASTM E 709 and EN ISO 9934.

**Super Magna LY 2500**


Fluorescence coefficient (Cd/W)	2.8
Average grain size (µm)	4
Recommended concentration (g/l)	0.4-1
Sedimentation (1 g/l)/100 ml	0.25
Colour	yellow-green fluorescent

Art.No.135.001.040	Pure magnetic powder	1 kg container	1 kg sufficient for 2,500 L suspension. For water based suspensions use BC 502 Additive!
Art.No.135.103.301	Liquid water-based concentrate 1: 40	1 L can	Contains wetting, antifoam (silicone free) and antirust agents. Halogen-free.
Art.No.135.103.304	Liquid water-based concentrate 1: 40	5 L can	Contains wetting, antifoam (silicone free) and antirust agents. Halogen-free.
Art.No.135.103.115	Dry concentrate 10g:1L	1 kg container	Contains wetting, antifoam (silicone free) and antirust agents. Halogen-free.
Art.No.135.103.219	Oil-based concentrate 1: 10	10 L can	Fluorescent magnetic particle suspension as an oil-based concentrate
Art.No.135.103.220	Spezial High-Temp ready-to-use oil-based suspension	1 L can	For special application high temperature inspection. Flash point >100°C. No hazardous labelling
Art.No.135.103.221	Spezial High-Temp ready-to-use oil-based suspension	10 L can	For special application high temperature inspection. Flash point >100°C. No hazardous labelling
Art.No.135.103.216	Ready-to-use oil-based suspension	1 L can	Based on colorless, odor-free, non-irritant, low-viscosity oils
Art.No.135.103.217	Ready-to-use oil-based suspension	10 L can	Based on colorless, odor-free, non-irritant, low-viscosity oils