

THE PRODUCT

MAGNAGLO is a full range of magnetic particle inks and powders from the World Leaders in NDT.

- Oil or water suspension
- Fluorescent and Non-fluorescent

BENEFITS

- The industry standard
- Universal approvals (eg. AMS, RR etc.)
- Clear and bright indications
- Resists breakdown
- Can show subsurface flaws
- Consistent high performance

MAGNAGLO® FLUORESCENT READY TO USE INKS

INK	DESCRIPTION	VISCOSITY	MEAN SIZE	SETTLEMENT VOLUME
14HF	14A in high flash (93°C) carrier II Low odour	3.45cS	7-9µm	0.1-0.35ml
410HF	MG410 in high flash (93°C) carrier II Low odour	3.45cS	8-12µm	0.1-0.35ml

MAGNAFLUX® VISIBLE READY TO USE INKS

INK	DESCRIPTION	VISCOSITY	MEAN SIZE	SETTLEMENT VOLUME
7HF	7C in high flash (93°C) carrier II Low odour	3.45cS	2-6µm	1.5-2.4ml

MAGNAFLUX® CONTRAST PAINT

PAINT	DESCRIPTION	FLASH POINT
WCP2	Quick drying white paint for enhanced contrast	<0°C

MAGNAFLUX® COLOUR CONTRAST CONCENTRATES

PRODUCT	DESCRIPTION	IN OIL	IN WATER
27B	Black powder concentrate consisting of a blend of 7C and wetting agent for suspension directly in water	-	20g/l

MAGNAGLO® FLUORESCENT CONCENTRATES

PRODUCT	DESCRIPTION	IN OIL	IN WATER
14A	Powder concentrate for use in oil or water Mean particle size 7-9µm Standard for Aerospace and General Eng	1.25g/l	1.25g/l
20B	Powder concentrate consisting of a blend of 14A and wetting agent for suspension directly in water	-	10g/l
WB12	Liquid concentrate of 14A powder, wetting agent and corrosion inhibitor for suspension directly in water. Minimal mixing required	-	500ml makes 25 litres
MG410	Powder concentrate for use in oil or water Mean particle size 12µm Brighter and larger particles	1-1.5g/l	1-1.5g/l with 10g/l of WA2B or WA4E

MAGNAFLUX® WATER CONDITIONERS

CONDITIONER	DESCRIPTION	IN WATER
WA2B	Water soluble granular solid Wets surface, inhibits corrosion, suspends particles	10g/l
WA4E	Water soluble liquid Wets surface, inhibits corrosion, suspends particles	10g/l

MAGNAGLO® CARRIER FLUID

FLUID	DESCRIPTION	FLASH POINT
Carrier II	Oil blend for particle suspension Promotes good particle mobility Formulated to suppress fluorescent background	93°C

APPLICATIONS

AUTOMOTIVE COMPONENTS MANUFACTURERS

Brakes • Steering Components • Connecting Rods • Wheels • Engine Mounts • Pistons • Cylinder Blocks

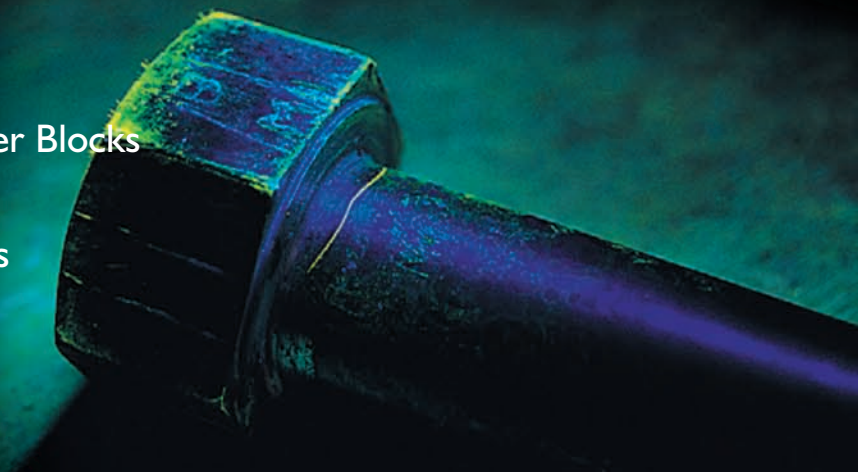
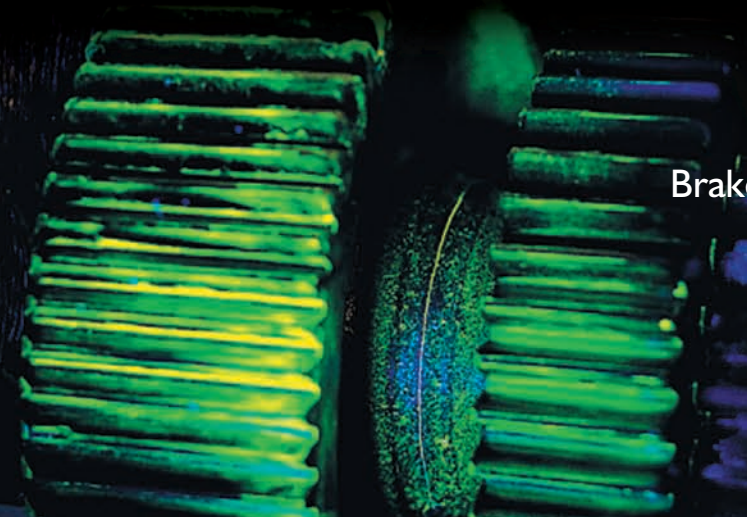
AEROSPACE INDUSTRY

Engine Components • Landing Gear • Wheels • Helicopter Gearboxes • Brakes • Springs

FOUNDRIES
Raw Castings

MILITARY
Critical Components

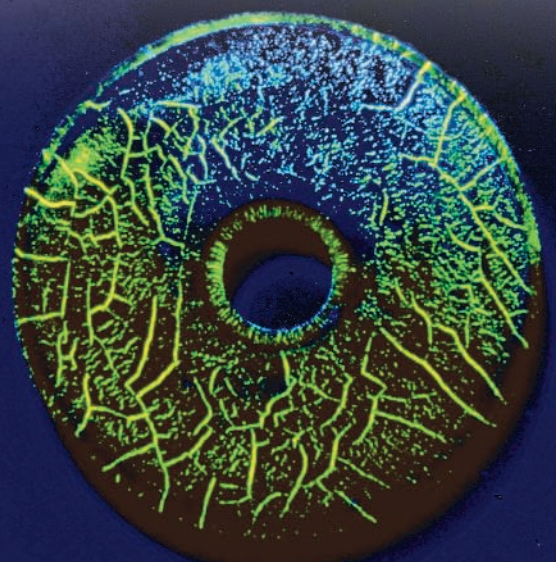
TEST LABS
NDT Inspections



MAGNAGLO[®] MAGNETIC PARTICLE INSPECTION EQUIPMENT

A wide range of versatile, reliable and well built MPI testing equipment, from the small portable units right through to the heavy duty MAG 50 Series.

Equipped to meet all industry standards and the needs of MPI testing.



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MAGNAGLO[®]

MAGNETIC INKS & POWDERS



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