

**MAGNAGLO<sup>®</sup>**

**MAGNAVIS<sup>®</sup>**

**MAGNETIC INKS & POWDERS**



**MAGNAFLUX<sup>®</sup>**

A Division of ITW Ltd

## 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

### MAGNAVIS® 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

### MAGNAVIS® CONTRAST PAINT

PAINT	DESCRIPTION	FLASH POINT
WCP-2	Quick drying white paint for enhanced contrast.	<0°C

### MAGNAVIS® COLOUR CONTRAST CONCENTRATES

PRODUCT	DESCRIPTION	MAKEUP-IN OIL	MAKEUP-IN WATER
WB27	Liquid concentrate of black magnetic powder, wetting agent, defoamer and corrosion inhibitor.	-	20ml/l

## MAGNAGLO® FLUORESCENT CONCENTRATES

PRODUCT	DESCRIPTION	MAKE UP-IN OIL	MAKE UP-IN WATER
14A	Powder concentrate for use in oil and water. Mean particle size 7-9µm. Standard for aerospace and general engineering.	1.25g/l	1.25g/l
WB-12	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 WA-4E

## MAGNAGLO® WATER CONDITIONERS

CONDITIONER	DESCRIPTION	MAKEUP-IN WATER
WA-4E	Water soluble liquid. Wets surface, inhibits corrosion, suspends particles.	10g/l
ZAF-I	Silicone antifoam.	Few drops added to bath contents

## 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

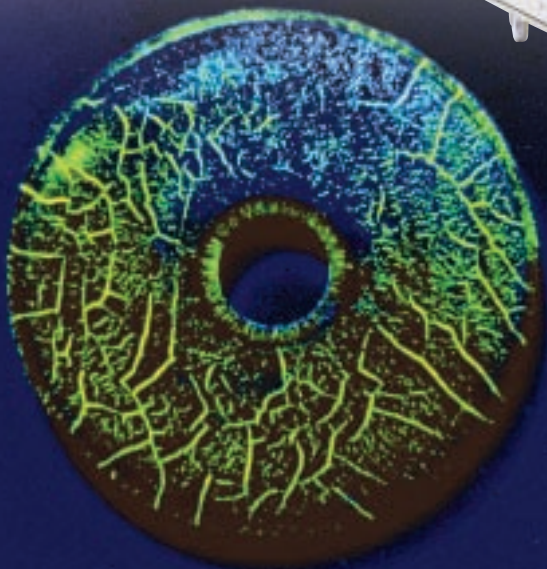
**TEST LABS**  
NDT Inspections



# MAGNAFLUX® 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.



Distributor Address



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