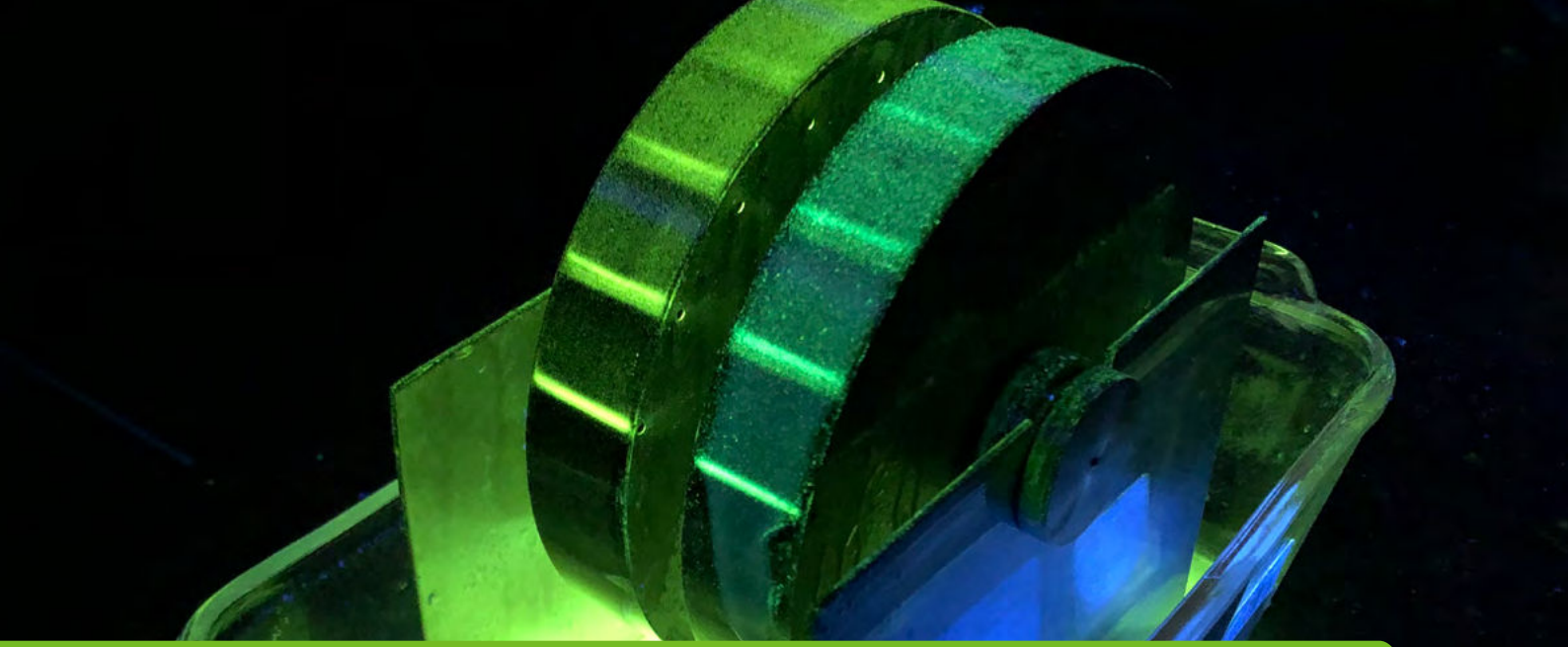


The Clear Choice for Magnetic Particles

magnaflux.com/theclearchoice

14A Fluorescent Magnetic Particles

Increases indication detection

- Find smaller, finer indications in critical applications using the highly sensitive, strong ferro-magnetic 14A particles
- Optimized particle size and shape help particles move freely to stick to a wide variety of discontinuities with less particle clumping

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Minimizes inspection time

- Clear, bright fluorescent indications form quickly due to the highly fluorescent, highly mobile particles
- Minimal background fluorescence help indications stand out more, so inspectors need to spend less time examining each part and increase throughput

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Improves inspection consistency and reliability

- Maintain magnetic particle system performance over greater periods thanks to the highly durable, easily dispersed 14A particles
- Reduced particle clumping helps maintain particle concentration in the suspension bath for dependable inspections

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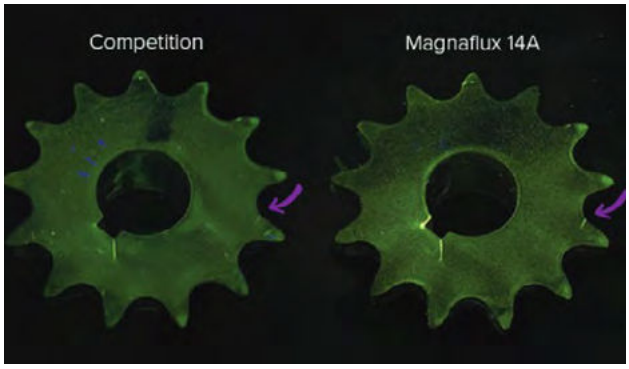
The Magnaflux Experience

- Ensuring best-in-class value and customer satisfaction, Magnaflux has been trusted for over 90 years
- Eliminate downtime with products that arrive on time, are easy to use, and work flawlessly
- Get the answers you need fast with a responsive and knowledgeable support team

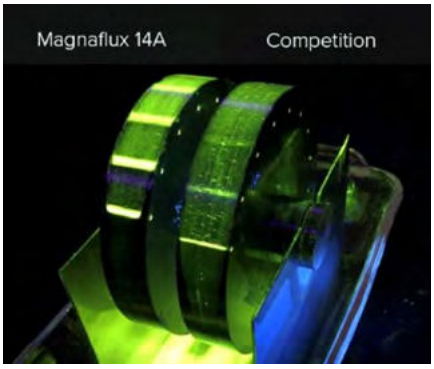
MAGNAFLUX

The Clear Choice. How many indications can you see?

Reduce the risk of approving a part with smaller, harder to spot indications. Highly sensitive particles are designed in an optimized range of sizes and shapes to ensure each indication gets highlighted.

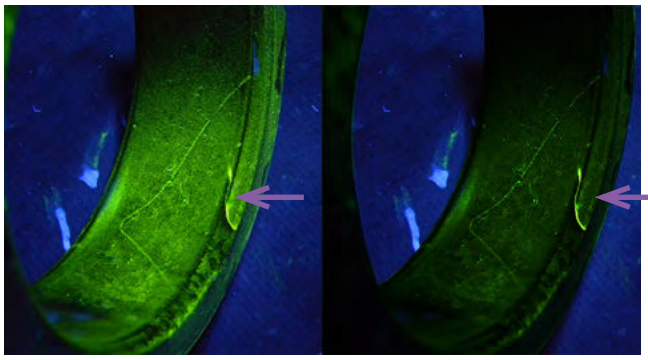


The smaller indication is clearer with 14A.



All 9 subsurface indications are present with 14A.

Minimizes inspection time



Brightness contrast is the difference in brightness of two adjacent surfaces. In NDT inspections, it doesn't matter if the indication is high or low brightness. It just matters that the background (or rest of the surface) is the opposite brightness.



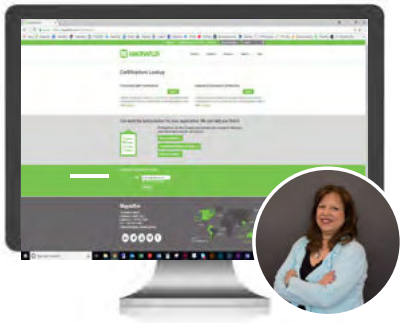
Can you believe this spiral is the same green through the entire image? Color perceptions are subjective during fluorescent NDT inspections. How we perceive the color of an object is often determined by the colors and brightness of neighbouring objects.

Transparent, accessible information

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Live Support



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For more information on Magnaflux Magnetic Particles, visit magnaflux.eu/en/MPI, contact Magnaflux customer service at sales.eu@magnaflux.com or +44 1793 524566.

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