

Xmor

**Magnetic Testing and
Penetrant Testing for Oil and Gas,
Energy, and General Industries**

**Britemor®
Checkmor®
Lumor®
Supramor®**



Chemetall offers a comprehensive portfolio of Xmor products for magnetic and penetrant Non-Destructive Testing (NDT) on materials used in Oil and Gas, Energy, and General Industries.

Our full portfolio of penetrants, cleaners, and developers are for use on metallic and non-metallic surfaces requiring visible and/or UV inspections. Our products conform to the challenging requirements of numerous international manufacturing quality standards.

**Along with our local technical support
and service, these products provide**

- ⊕ Low background fluorescence.
- ⊕ Crisp indications.
- ⊕ Ease of application.
- ⊕ High sensitivity level.

BASF
We create chemistry

Chemetall
expect more ⊕

Magnetic Testing Products

Xmor products for Non-Destructive Testing (NDT) of ferromagnetic materials used in the Oil and Gas, Energy, and General Industries.

	Appearance	Application	Conformances
WHITE LIGHT			
Supramor® 4 Black High sensitivity detection for defects in ferromagnetic surfaces with or without the use of white contrast paint.	Fluid	Ready-for-use	AMS 3043, ISO 9934 Part 2, ASME
WCP 712 White contrast paint (WCP) that provides an excellent distinguishing white background for dark steel; used with Supramor 4 Black.	Fluid	Ready-for-use	ISO 9934 Part 2, ASME
UV-A/FLUORESCENT LIGHT			
Lumor® J Powder Fluorescent brown powder that offers high sensitivity detection of surface and near surface defects in ferromagnetic material.	Fluorescent brown powder	Disperse in base oil HF/Aerosol	AMS 3044, ISO 9934 Part 2, ASME
Lumor J (W) Water-dispersible fluorescent iron oxide powder that inhibits corrosion of ferrous metals and conditions water.	Fluorescent brown powder	Disperse in water	AMS 3044, ASME
Lumor J 40 (W) Brown powder in a concentrated bath of water conditioners and corrosion inhibitors.	Fluorescent brown powder	Ready-to-use water suspension	AMS 3044, ASME
CARRIER OIL			
MPI Diluent Light colored, high purity carrier oil for fluorescent and visible Magnetic Particle Inspection (MPI) applications.	Fluid	Ready-to-use	AMS 2641, ISO 9934, ASME
VISIBLE DRY POWDER — Vividly colored magnetic particles that provide excellent contrast against test substrate			
Ferromor® ND-5 Colored magnetic particles for inspection of large components, such as castings or welds.	Gray Particle	Ready-to-use powder	AMS 3040, ASME
Ferromor ND-7 Colored magnetic particles for inspection of large components, such as castings or welds.	Red Particle	Ready-to-use powder	AMS 3040, ASME
Ferromor ND-8 Colored magnetic particles for inspection of large components, such as castings or welds.	Yellow Particle	Ready-to-use powder	AMS 3040, ASME

Full list of approvals available on request. Not all products are available in every region.



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Penetrant Testing Products

Our non-destructive penetrant testing products meet the demanding requirements for Oil and Gas, Energy, and General Industries. We offer a full portfolio of penetrants, cleaners, and developers for use on both metallic and non-metallic surfaces requiring visible and/or UV inspections.

	Penetrant			Remover	Developer	
	Classification	Sensitivity	Product	Product	Form	Product
Type I — Fluorescent	Method A — Water washable & Method C — Solvent removable	Level 1	Britemor 454	Water S72 S76 S85	Form d/e: Non-aqueous	LD7 LD9
		Level 2	Britemor 455			
		Level 3	Britemor 446			
Type II — Visible	Level 2 (according to ISO 3452-2)	Checkmor 240				
Type III — Dual purpose		Checkmor 300				

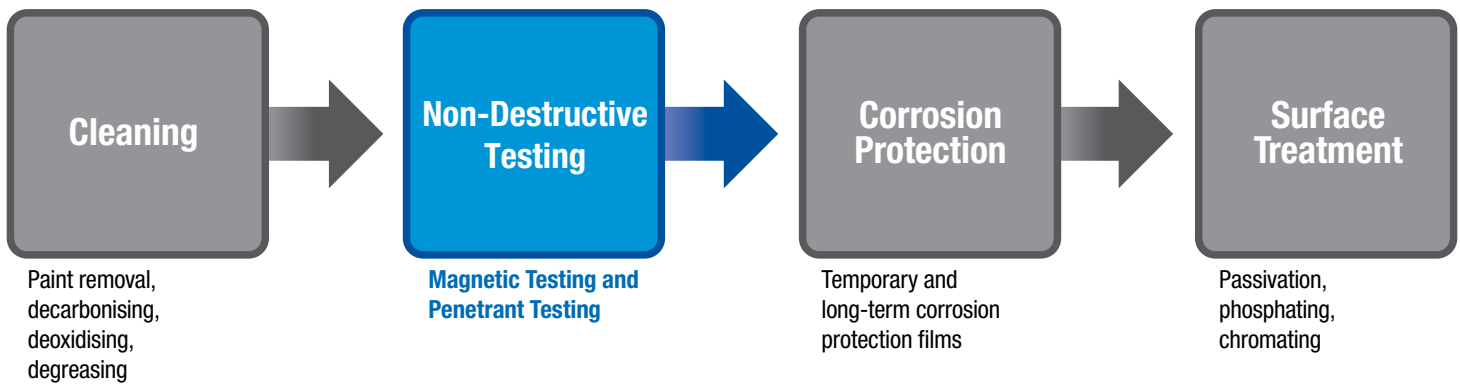
Ultrasonic Couplants

	Appearance	Application
UCA-3 (HT) Ultrasound couplant consisting of a blend of silicone and organic compounds, corrosion inhibitors, and thickening agents to be use at high temperatures, from 40°C up to 250°C.	Colorless grease-like paste	Ready-to-use
UCA-7 A blend of specially selected powder compounds designed as a highly portable and economical alternative to standard water-based couplants.	Powder	To be diluted in water

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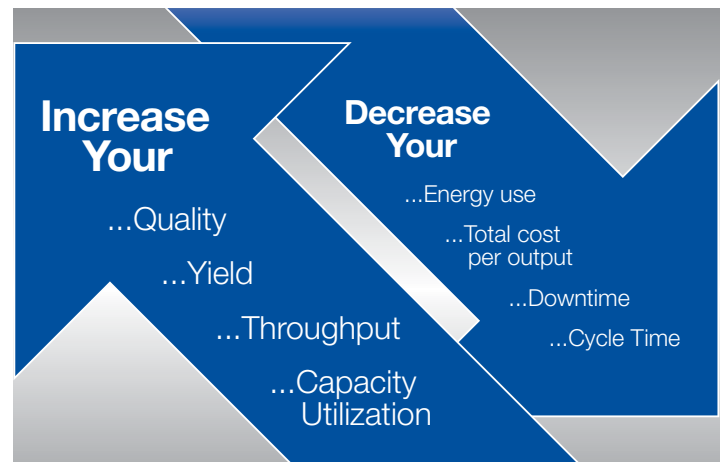


Maintain outstanding surface quality before, during and after the NDT process



Cut it. Clean it. Coat it. Control it. Conserve it.® with us!

We are the Surface Treatment global business unit of the Coatings division of BASF, operating under the Chemetall brand, a leading supplier of applied surface treatments and services for metal, plastic, and glass substrates in a vast range of industries and end markets. As process innovators, fully dedicated to your success, we develop, manufacture, and provide best-in-class technologies, systems, and expertise.



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