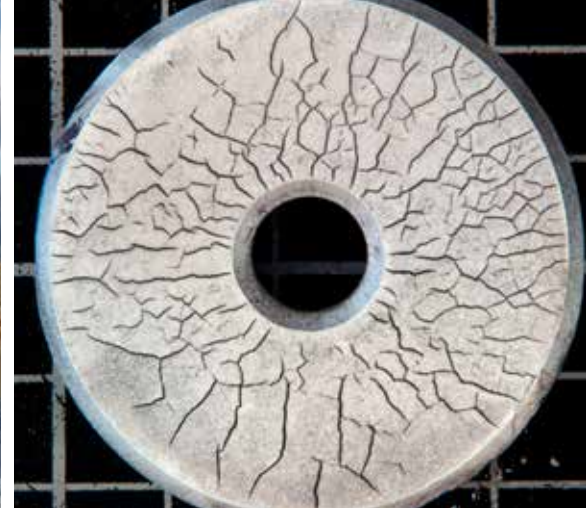


Xmor

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



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.

Britemor®

Checkmor®

Lumor®

Supramor®

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, ISO 9934 Part 2, 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-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.



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	
	Product	Classification	Sensitivity	Product	Form	Product
Type I — Fluorescent	Britemor 454	Method A — Water washable & Method C — Solvent removable	Level 1	Water S76 S78 S85	Form d/e: Non-aqueous	LD8 LD9
	Britemor 455		Level 2			
	Britemor 446		Level 3			
Type II — Visible	Checkmor 220	Method C — Solvent removable	Level 2 (according to ISO 3452-2)			
	Checkmor 240	Method A — Water washable & Method C — Solvent removable				
Type III — Dual purpose	Checkmor 300	Method C — Solvent removable				

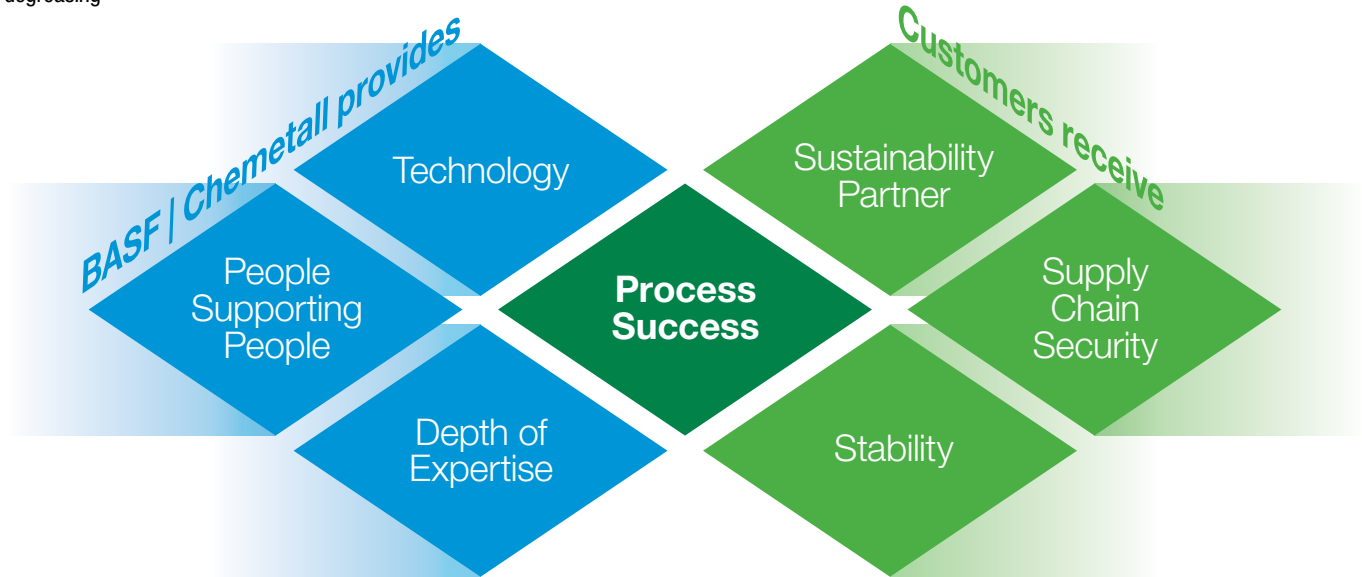
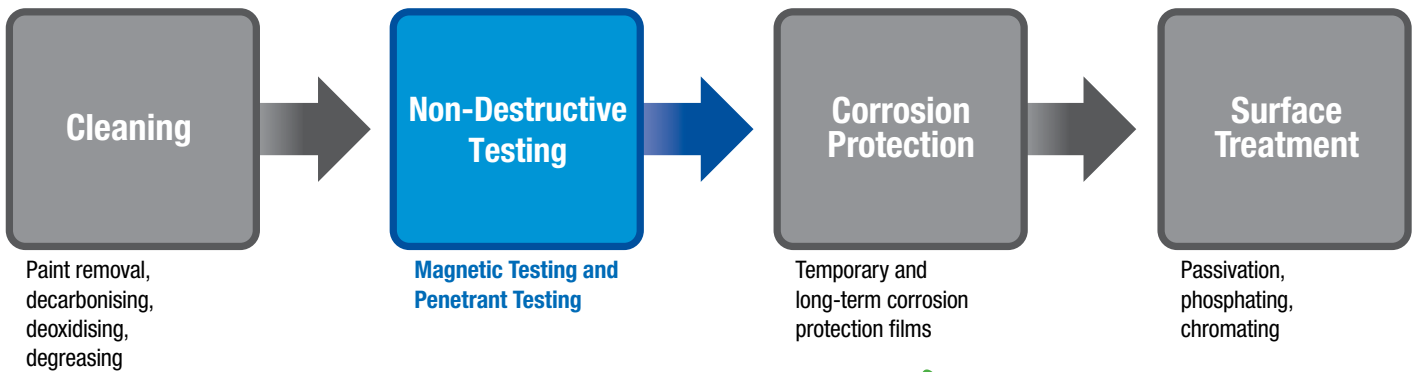
Ultrasonic Couplants

	Appearance	Application
UCA-2M The thixotropic, anti-corrosive and excellent wetting properties ensure free and even movement of ultrasonic probes over both rough and smooth surfaces with immediate and excellent acoustic transmission.	Water-based blue transparent gel	Ready-to-use
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

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



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



Build a partnership through support

- + On-site service regularly scheduled
- + Continuous improvement initiatives
- + Written service reports
- + Laboratory and Field Technical Group Support

We've got you covered

Our process success is achieved through our experts and the integrated technology they bring to the table

- + Local support
- + Technical support
- + Corporate support

Cut it. Clean it. Coat it. Control it. Conserve it.

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