

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.



Xmor

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 | | | | |

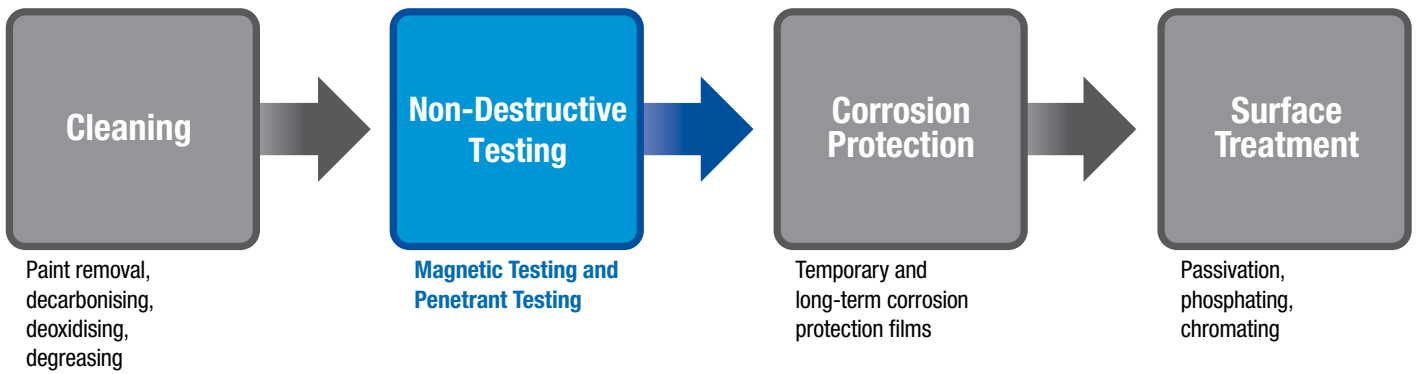
Ultrasonic Couplants

| | 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 |

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

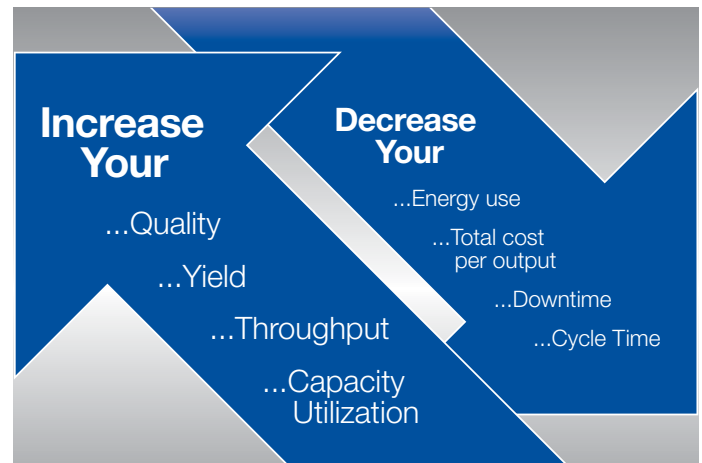


Maintain outstanding surface quality before, during and after the NDT process



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.



Chemetall is proud to serve you from the following locations

**Headquarters and
Regional Head Office
Europe, Middle East, Africa,
South America**
Chemetall GmbH
Trakehner Straße 3
60487 Frankfurt am Main
Germany
Tel: +49 (0) 69 7165-0
surfacetreatment@basf.com

**Regional Head Office
North America**
Chemetall US, Inc.
675 Central Avenue
New Providence, NJ
07974 USA
Tel: +1-908-464-6900

**Regional Head Office
Asia-Pacific**
Chemetall Asia Pte Ltd.
12 Loyang Crescent
Singapore 508980
Tel: +65 6885 7900

www.chemetall.com

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