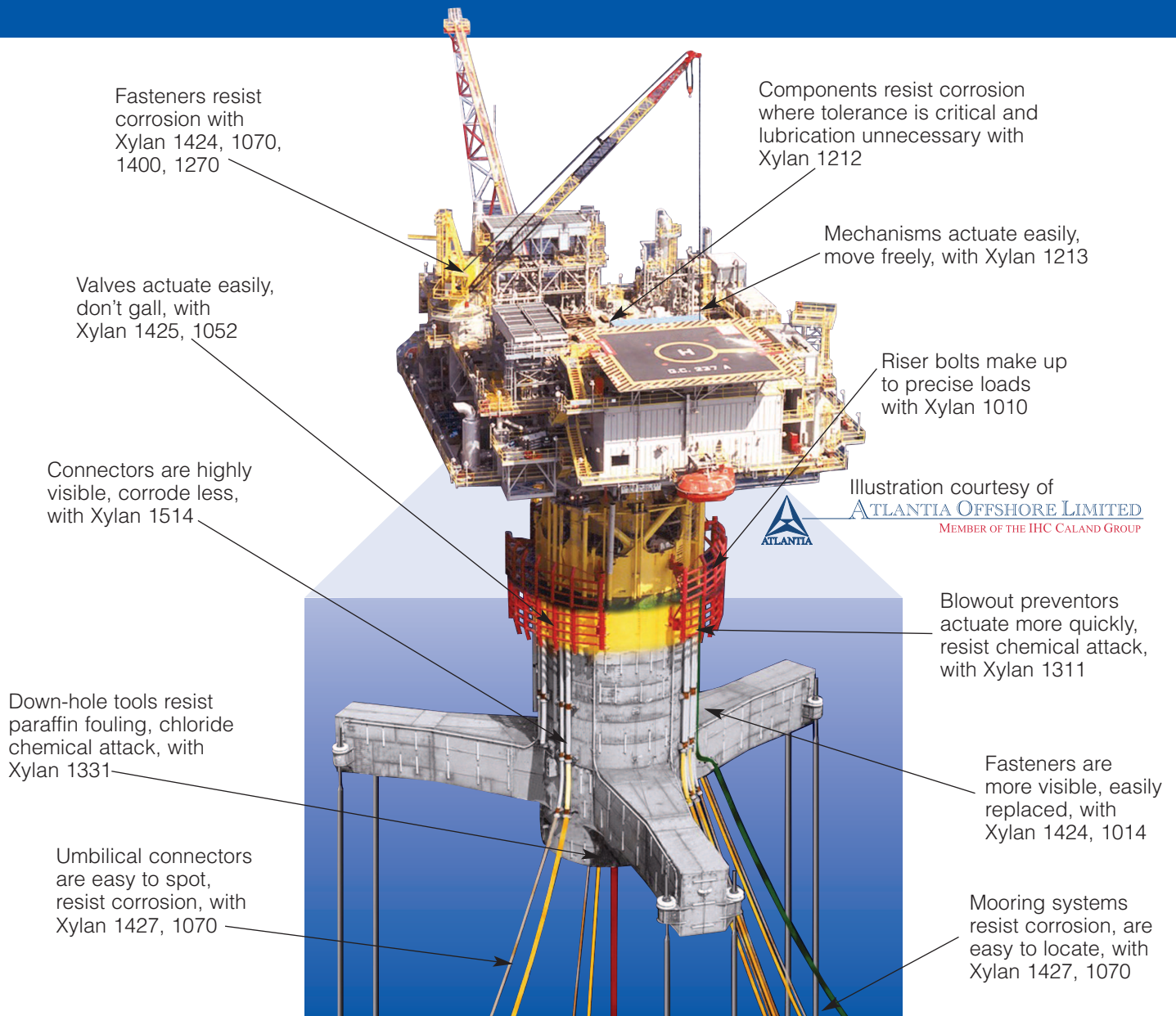


11 ways Xylan® coatings solve severe problems on offshore oil installations



Coatings of Xylan offer many benefits for offshore service. These include resistance to corrosion and chemical attack, superb subsea visibility, lower maintenance costs and less downtime.

Xylan coatings have been the first choice of many engineers in the offshore industry for more than 30 years.

You'll find Xylan hard at work above and below the sea in the Hibernian Peninsula, Gulf

of Mexico, Arabian Sea, South China Sea, North Sea, West Africa's deepwater frontier — wherever the offshore industry faces severe conditions that demand the finest performance from protective coatings.

For more information, please contact your Whitford representative or the Whitford office nearest you (you'll find the addresses of our offices on our website: whitfordww.com or email us: sales@whitfordww.com).

Whitford

Where good ideas come to the surface

Whitford's Coatings, Explained

Xylan 1010: Dry-film lubricant for any wear surface to reduce friction, prevent scoring and galling, and provide secondary lubrication in the event of failure of the primary (conventional) lubricant. In addition to its low coefficient of friction (0.02-0.10), Xylan 1010 has good release properties, good chemical and abrasion resistance, and operates at temperatures up to 285°C (550°F).

Xylan 1014: Similar to Xylan 1010, but with significantly more bonding resin relative to its content of polytetrafluoroethylene (PTFE) lubricant. This provides a finish that is harder, more abrasion-resistant, glossier and less porous. Friction values remain low and predictable.

Xylan 1052: Dry-film lubricant formulated with PTFE and MoS₂ for high-pressure, low-speed wear applications. Its unique chemistry provides dependable, bonded lubrication for bearing surfaces subjected to extreme pressures of up to 10,500 kg/cm² (150,000 psi). Xylan 1052 operates at temperatures up to 285°C (550°F).

Xylan 1070: Highly corrosion-resistant, low-friction coating designed to reduce make-up and break-out torque, even after prolonged exposure to corrosive environments. Xylan 1070 also offers good wear and abrasion resistance.

Xylan 1212: Waterborne thin-film barrier coating with excellent corrosion resistance, ideal where tolerance is critical and lubrication unnecessary.

Xylan 1213: Waterborne, dry-film lubricant designed for high-pressure/low-speed applications. When combined with Xylan 1212 offers good corrosion and abrasion resistance.

Xylan 1270 (1400): A low-cost alternative to Xylan 1070 (1424), but with less lubrication. For fasteners where reduced break-out torque is not necessary.

Xylan 1311: Similar to Xylan 1331 with less

PTFE. Use when abrasion resistance is more important than lubrication and/or nonwetting properties. Considered an economical single-film coating.

Xylan 1331: Dry-film lubricant with PPS and PTFE for outstanding wear/abrasion resistance. The high percentage of PTFE provides a lubricious, nonstick surface. This resin-bonded coating has excellent corrosion and chemical resistance and is virtually unaffected by any solvents up to 205°C (400°F).

Xylan 1424: Waterborne/VOC-compliant, highly corrosion-resistant, dry-film lubricant designed for use on any mating surface requiring lubrication. Xylan 1424 reduces make-up and break-out torque and also offers excellent chemical and abrasion resistance. Similar to Xylan 1014.

Xylan 1425: Waterborne, dry-film lubricant formulated with PTFE and MoS₂ specifically for high-pressure, low-speed wear applications. Its unique chemistry provides dependable, bonded lubrication for bearing surfaces subjected to extreme pressures up to 10,500 kg/cm² (150,000 psi). Xylan 1425 operates well in harsh chemical environments and at temperatures up to 190°C (375°F). Similar to Xylan 1052.

Xylan 1427: Waterborne, low-friction, highly corrosion-resistant fastener coating designed to reduce make-up and break-out torque, even after prolonged exposure to corrosive environments. Xylan 1427 also offers excellent chemical, wear and abrasion resistance.

Xylan 1514: UV-resistant, dry-film lubricant with excellent low friction. Xylan 1514 is designed for highly visible, decorative applications where stain resistance and easy-clean properties are required. This coating also offers some corrosion and abrasion resistance and is considered the most lubricious in the series.

How to contact the Whitford office nearest you

Whitford manufactures and maintains offices in many countries around the world. For more information, please contact your Whitford representative or the nearest Whitford office (see our website: whitfordww.com) or sales@whitfordww.com.

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