



Elessent™
MECS® TECHNOLOGIES

CATALYST FOR SULFURIC ACID XLP RIBBED RINGS



FEATURES AND BENEFITS

LOW SO₂ EMISSIONS AND RELIABLE ACID PRODUCTION

- Excellent catalytic activity from extended surface area design
- Special XLP-310 formulation designed for lower converter passes
- Effectively handles higher SO₃ process gas with XLP-310

PROVEN PERFORMANCE

- Industry standard for high-velocity converters
- 12mm ribbed-ring shape provides low pressure drop across all converter passes

VALUE-DRIVEN CATALYSTS

- Economical plant upgrades with XLP-310 to increase capacity or reduce emissions
- Proven durability for low screening losses

Industry-standard catalyst since 2003.



WHY INDUSTRY LEADERS CHOOSE XLP RIBBED RINGS

To ensure a combination of high performance, long service life and energy efficiency, industry leaders specify MECS® XLP catalyst for their sulfuric acid plants' converter operations.

As a result of the unique ribbed-ring shape, extended surface area, proprietary formulation, and high manufacturing quality standards, the XLP line of catalyst performs at low pressure drops with exceptional conversion performance.



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CATALYST FOR SULFURIC ACID XLP RIBBED RINGS

THE NEXT GENERATION OF MECS® RIBBED-RING CATALYST

MECS®, Inc. (MECS®) offers a high-performance catalyst for every sulfuric acid converter application. Our catalyst and process specialists will help you value-engineer the ideal catalyst solution to optimize throughput, energy efficiency and reliability for your converter passes.

For nearly 20, XLP-110 has proven itself to be the workhorse catalyst of the sulfuric acid industry. The newest MECS® ribbed-ring catalyst, XLP-310, builds upon the proven, always reliable XLP-110 technology and provides even higher levels of conversion (Figure 1), further enhancing the versatility and value of the XLP catalyst portfolio already trusted by so many sulfuric acid plants worldwide.

The new MECS® XLP-310 catalyst is an excellent choice for acid plant converter upgrades, giving your plant the flexibility to either improve conversion or increase capacity. As an added benefit, XLP-310 and XLP-110 share a common shape. Therefore, they can be easily interchanged, with no impact on pressure drop.



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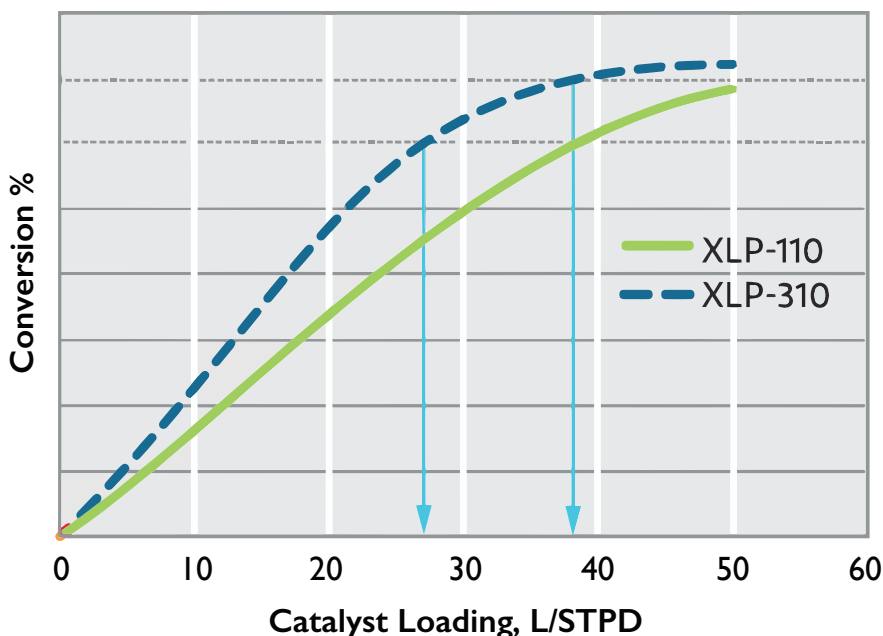
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Figure 1



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