**3D METALFORGE COMPLETES CRITICAL PART   
PRODUCTION AND PERFORMANCE IMPROVEMENTS FOR   
COOPER MACHINERY SERVICES**

**24 October 2022, Houston, Texas:** 3D Metalforge (3DMF), is pleased to have completed work on an Additively Manufactured (AM) order for Cooper Machinery Services (CMS) in Houston, Texas, of their Precombustion Chamber Ignitors.

As a result of 3D Metalforge’s (3DMF) AM capabilities, CMS has been able to take advantage of a variety of manufacturing benefits and product improvements. 3DMF was able to produce the ignitors in one piece versus a 2-piece cast part that required welding and hydrotesting. 3DMF was also able to redesign the fuel flow path to decrease pressure drops and improve overall combustion efficiency. Additional, by producing the ignitors as one part and streamlining manufacturing locally in 3DMF’s Houston facility, total manufacturing time was reduced improving Cooper’s supply chain efficiency

This project with Cooper Machinery continues to demonstrate 3D Metalforge’s capability to provide a full range of 3D printing services, including design and engineering, material advisory, diagnostics and testing, production printing and post-production certification. 3DMF’s AM solutions maximize client’s return on critical manufacturing operations, delivery and logistics systems, and assets.

Routine collaboration means 3DMF products are engineered and manufactured to specifically address the demands of each client. Certification by 3DMF means product quality meets relevant industry standards. Product improvements, and savings in time and costs result in better economics, sustainability, enhanced profitability, and a greater return on manufacturing investment.

**Bryan Hansen, 3D Metalforge’s Business Development Manager,** commented, “*We have been very pleased with the progress and improvements made on this project for Cooper and look forward to continuing to provide cutting edge additive manufacturing capabilities and improved production parts.”*

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For more information please contact:

**Company enquiries Media enquiries**

Bryan Hansen Bob Lytle

Business Development Manager Marketing Manager

[bryan.hansen@3dmetalforge.com](mailto:bryan.hansen@3dmetalforge.com) [bob.lytle@3dmetalforge.com](mailto:bob.lytle@3dmetalforge.com)

**ABOUT 3D METALFORGE**

3D Metalforge (ASX: 3MF), founded in 2015, is a leading Additive Manufacturing (AM) company that supports a growing multinational industry-leading client base with their advanced proprietary 3D additive manufacturing systems. The Company offers a full range of in-house AM printing services from design and engineering, material advisory, diagnostics and testing, to printing and post-production certification to the latest industry and API standards. Its approach to industrial production, its proprietary processes and eco-friendly technology produce high-demand parts faster, better and more cost-effectively with less environmental impact and greater sustainability than conventional manufacturing.

**ABOUT COOPER MACHINERY SERVICES**

Cooper Machinery Services (Cooper) has been serving customers and producing world class industrial equipment since 1833. From steam engines to warship propulsion to the world’s best known engine and compressor brands, Cooper has been a mainstay of industry for nearly 200 years. But we are the new Cooper, established in 2019 as a streamlined and privately owned business whose focus is centered on keeping the legendary engines and compressors of our industry operating long into the future.