

TEI – TUSAS ENGINE INDUSTRIES, INC chooses **FORGE®** Simulation Software

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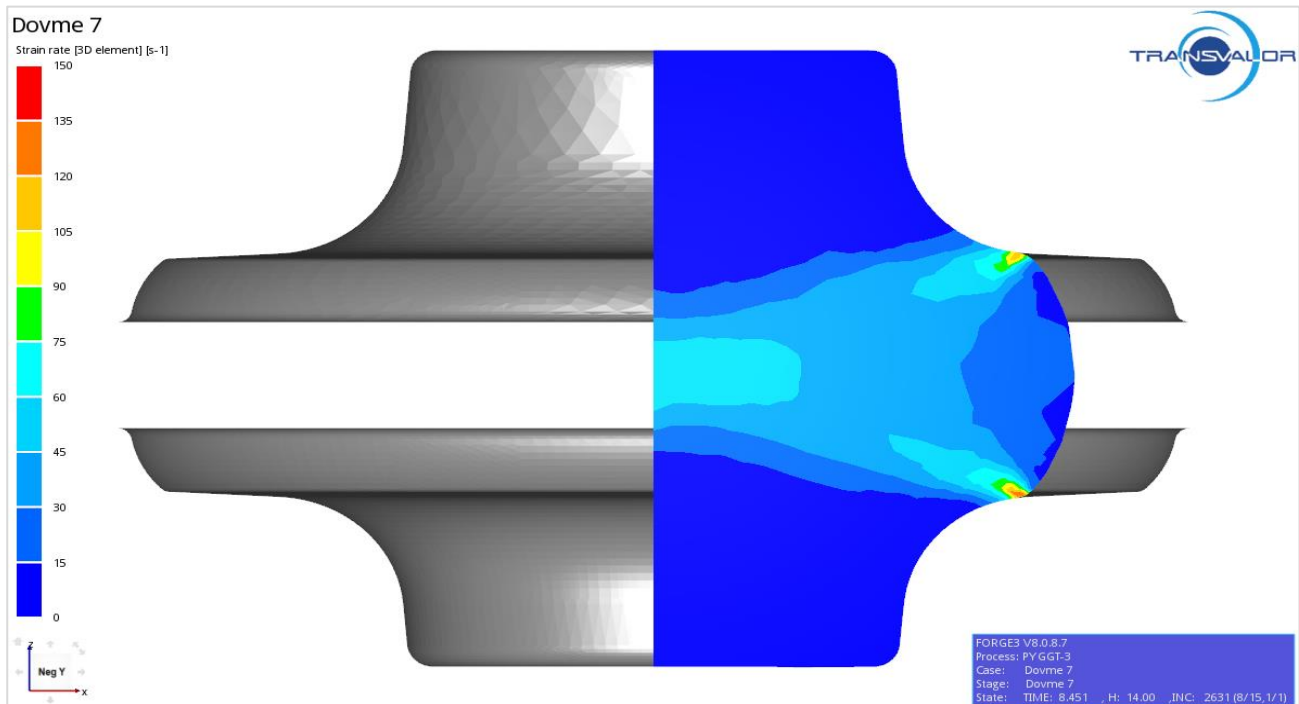
TRANSVALOR, world leading solution provider for the manufacturing industry, announces that TEI – TUSAŞ Engine Industries, Inc., Turkish international manufacturer and global designer for aviation industry, has now integrated FORGE® simulation software. By using FORGE® simulation software, TEI found a solution to simulate complex manufacturing processes related to heating or cooling and cold & hot forming processes.

Simulation to serve design & process development activity at TEI

Among other activities, TEI provides parts and module for aircraft engines and therefore, aims to provide high quality products and services to be in line with aerospace international standards. For this reason, the company frequently invests in research and development for new manufacturing processes.

ONATUS, provider of analysis and test-driven design solutions for the Turkish market, proposed TEI to use FORGE® solution to reach this goal.

TEI states that; “We look for a virtual manufacturing software for simulation of hot forging process of aero-engine components. Main idea is to come up with the most forgeable part geometry that serves best to the design intent of the final component. After a couple of benchmarks we have chosen FORGE NXT from Transvalor, which has unequalled simulation speeds, high accuracy levels for the results and multi-core simulation capabilities.”



Simulation of an Inconel718 component with FORGE® NxT



About TEI

TEI is a strong actor on the Turkish aviation industry. The company was founded in 1985 as a joint venture of Turkish Aerospace Industries Inc., General Electric (GE), Turkish Armed Forces Foundation (TAFF) and Turkish Aeronautical Association (TAA) and today, aims to be a leading engine manufacturer of aviation power systems and their derivatives.

Located in Eskisehir, TEI also counts two Engineering Offices in Ankara and Istanbul, and the Turkey Technology Center where more than 350 engineers develop processes for design technologies among other activities.

TEI is mainly recognized as a parts and module manufacturer but also operates on two other fields of activity: Engine Assembly and Testing & Engine Maintenance, Repair and Overhaul, and Engine Design and Product Development. With a solid presence on the Turkish market, TEI now seeks to be globally competitive.

To learn more about TEI: www.tei.com.tr

About Transvalor

Located in the Sophia-Antipolis technopole, Transvalor, founded in 1984, has developed world leading simulation software solutions dedicated to material processing. The company is strongly rooted in research & development and has always maintained a durable association with the academics among which the CEMEF laboratory from Mines ParisTech.

It is a multicultural team of about sixty staff passionate about cutting-edge technology and driven by a desire for innovation. Transvalor operates worldwide with a solid channel network and a subsidiary Transvalor Americas in Chicago. It serves more than 500 clients with a constant willingness to provide cost effective software & services and to continuously increase its customers' competitiveness.

Transvalor offers engineering software services to assist its customers about IT configuration, software training and any complex studies.

To learn more about Transvalor products and services, visit www.transvalor.com

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