

**Press Release: 23 April 2008**

## **Componenta Döktaş foundry increases series production of SinterCast-CGI components**

- **Ford-Otosan launches 9.0 litre Ecotorq engine with SinterCast-CGI cylinder block and head**
- **C.F. Gomma enters series production of SinterCast-CGI torsion damper**

Ford-Otosan, the leading commercial vehicle manufacturer in the domestic Turkish market, has begun sales of its all-new 9.0 litre six-cylinder Ecotorq diesel engine. The cylinder block and head of the new heavy-duty diesel engine are both produced in Compacted Graphite Iron (CGI) at the Componenta Döktaş foundry, using the SinterCast process control technology. As a result of the strength, dimensional stability and wear resistance of CGI – and advanced design features incorporated by Ford-Otosan – the 9.0 litre engine becomes the largest parent bore (linerless) engine available in the heavy-duty diesel market. The 9.0 litre engine is planned to be followed by the launch of a new 7.3 litre Ecotorq engine during 2008. The cylinder block and head of the 7.3 litre engine will also be produced at the Componenta Döktaş foundry, using the SinterCast technology. The Ford-Otosan engines are Euro IV compliant.

During late-2007, Componenta Döktaş also started series production of a new CGI component known as a torsion damper, a transmission component that reduces torsional vibration from the crankshaft. Supplied by C. F. Gomma, one of Europe's largest automotive supply companies, and with a weight of just 2.1 kg, the torsion damper becomes the smallest and lightest component produced using the SinterCast technology. Following a joint development programme between C.F. Gomma, Componenta Döktaş, Grainger & Worrall and SinterCast, C. F. Gomma specified SinterCast-CGI for the series production due to favourable castability, machinability and heat transfer capabilities compared to ductile iron. The torsion damper is incorporated into transmission assemblies produced by C. F. Gomma and ultimately installed in OEM vehicles in the European fleet. Initial volumes are approximately 400,000 pieces per year, with future growth opportunities.

**Mr. Seyfi Degirmenci, Product Development Manager Componenta Döktaş said:** “Following the successful product development and validation period, we are pleased that these SinterCast-CGI components have now entered the market. We look forward to the start of production of the new 7.3 litre CGI cylinder block and head and to benefit from these CGI series production references as a platform to secure future CGI production opportunities.”

**Dr. Steve Dawson, President & CEO of SinterCast said:** “We congratulate our partners on the successful development and sales launch of these new CGI products. We look forward to supporting the CGI series production activities of Componenta Döktaş as their current CGI production reaches the planned mature volume of approximately 75,000 Engine Equivalents, and as additional SinterCast-CGI components are brought on-stream.”

Orhangazi Bursa and Stockholm, 23 April 2008

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**Componenta Döktas** specialises in cast iron and aluminium castings for the automotive, agricultural and off-road industries and has grown to become the largest iron and aluminium (HPDC, gravity, low pressure) foundry in Turkey and the sixth largest foundry in Europe. Componenta, the parent company of Componenta Döktas, is a metal sector group of companies headquartered in Finland, with operations in Scandinavia, The Netherlands and Turkey, employing over 5,000 people.

**SinterCast** is the world's leading supplier of process control technology for the reliable high volume production of Compacted Graphite Iron (CGI). With at least 75% higher tensile strength, 45% higher stiffness and approximately double the fatigue strength of conventional grey cast iron and aluminium, CGI allows engine designers to improve performance, fuel economy and durability while reducing engine weight, noise and emissions. SinterCast produces a variety of CGI components ranging from 2.1 kg to 17 tonnes, all using the same process control technology. The end-users of SinterCast-CGI components include Aston Martin, Audi, Caterpillar, Chrysler, Ford, General Electric Transportation Systems, General Motors, Hyundai, International Truck and Engine, Jaguar, Kia, Land Rover, MAN, MAN B&W Diesel, PSA Peugeot-Citroën, Rolls-Royce Power Engineering, Toyota, Volkswagen, Volvo and Waukesha Engine. The SinterCast share is quoted on the Small Cap segment of the Nordic Exchange, Stockholm (Stockholmsbörsen: SINT).

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