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KSPG AG

Innovative engine components on show in a test-bench ambience

This year's IAA Commercial Vehicles will be held from September 22 to 29. The fair, which is domiciled in Hannover, ranks among the world's foremost on the subjects of commercial vehicle logistics and mobility. Among the exhibitors is KSPG AG, a member of the Rheinmetall Group. This internationally operating first-tier supplier will showcase new developments and current engineering highlights for commercial vehicle engines in booth C 14 in hall 16.

On an exhibition area of around 170 square meters, booth visitors will find themselves immersed in a test-bench ambience, allowing them to discover both virtually and practically more about the latest commercial vehicle engine products. Emission abatement and consumption reduction are the special fields of the Group's Mechatronics division which will exhibit components specially engineered for heavy-duty engines. Alongside a variety of valves and actuators, there is a new flap-type EGR FlexVent valve with integrated sensors for mass flow metering. With a view to lightening the load on the onboard electrics of high-displacement engines, the Mechatronics division has also developed an innovative pressure-regulating valve for the wastegate actuator mounted on the turbocharger.

At present, the prime preoccupations in light-, medium- and heavy-duty automotive engineering are lower vehicle operating costs, the assurance of extended engine durability and a reduction in CO₂ emissions. The Hardparts division (KS Kolbenschmidt brand) addresses these needs with its steel pistons and piston assemblies specifically designed for minimum friction and reduced fuel consumption. KS Kolbenschmidt's Plain Bearings unit is displaying a whole range of new bearings developed for the stiffer challenges posed by hybrid commercial vehicle drive systems.

Background information

IAA Commercial Vehicles is staged in Hannover every other year and alternates with IAA Cars in Frankfurt. This year's event is the 66th. The number of commercial vehicles (light, medium, heavy) registered in Germany and worldwide has been rising steadily for years. In Germany, the segment is a significant arm of the automotive industry. With a total workforce of close to 190,000, German commercial vehicle manufacturers provide a livelihood for nearly one-quarter of the automotive industry's total employees.