

Alcon specialist calipers on display with AxleTech at Bauma 2019

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Alcon Components Ltd, acclaimed global specialist brake and clutch company, will have one of their latest specialist calipers on display with AxleTech at Bauma 2019, the world's leading trade fair for the construction industry. This year's Bauma will be taking place in Munich 8-14 April 2019.

Alcon's CIR55 caliper was developed in cooperation with AxleTech and is now part of AxleTech's brake portfolio under the Hydraulic Disc Brake family HD860 series. AxleTech specialises in the design and manufacture of advanced powertrain systems, axles, brakes and aftermarket parts for heavy-duty commercial and defence vehicles.

The CIR55 caliper is designed and manufactured for specialty applications, heavy-duty vehicles, off-highway and military vehicles. Alcon can provide solutions for axles ranging from 2000 kg to 12,000 kg capacity. The CIR55 significantly increases braking performance and reduces both weight and cost in comparison to existing alternatives. Intended as a direct alternative to a standard twin-caliper arrangement, the CIR55 features a custom designed eight-piston, four-pad configuration with an option for either 60mm or 64mm diameter pistons. The caliper can be used on disc diameters of 400mm to 410mm and the centre split design allows caliper variants to be available for a variety of disc thicknesses. The fully hanging, high friction pads are fitted with an anti-rattle system and the caliper and seals are protected to cope with the harshest of operating environments.

Already fully established internationally within the elite motorsports and defence sectors, where nothing short of the highest standards in quality, performance and robustness are accepted, Alcon's products and services are prime for take-up within the construction and off-highway industry. Specialists in working closely with end users to meet unique and individual requirements, Alcon are ideally placed to develop braking solutions with specialist axle manufacturers, such as AxleTech, and wider OEMs within the off-highway sectors worldwide.

Jonathan Edwards, Sales Director at Alcon said: "In partnership with AxleTech, we can currently offer the global specialist vehicle market state of the art, production ready braking solutions for heavy platforms, saving weight and improving performance". He added: "Our development and production ethos is such that we thrive in specialist environments, whilst our extensive automotive and defence production experience

allows us to deliver quality and value for money globally. We believe that Alcon braking solutions have great potential for wide utility within the off-highway specialist vehicle sectors and look forward to further exploring these opportunities at Bauma 2019”.

Visitors to Bauma 2019 exhibition will be able to view the Alcon CIR55/AxleTech HD860 brake among AxleTech’s products in Hall A3, Booth 419. Alcon staff will be in attendance and will be available for meetings and interviews, on appointment.

Source: Alcon Components Ltd; Chamois