



Press information

Volvo Trucks' new rear axle reduces fuel consumption in heavy long-haul transports

Volvo Trucks is now taking yet another step towards reducing its customers' fuel costs. A new rear axle for fast, heavy long-haul operations cuts fuel consumption by up to two percent compared with today's hub-reduction axles.

"Low fuel consumption is always a high-priority issue and for customers working in long-haul operations, whose vehicles may cover several hundred thousand kilometres a month, a reduction of a couple of percent represents a major cost saving," says Hayder Wokil, product manager for the long-haul segment at Volvo Trucks.

Intended for high engine power outputs

The new RSS1360 rear axle is a solo axle with single reduction designed for trucks with high engine power and gross combination weights of up to 60 tonnes. In other words, vehicles built for demanding long-haul duties carrying heavy loads and travelling at high average speeds. Food and agricultural produce are two typical cargoes for this application area.

Fast and fuel-optimised

This is a longed-for new feature, particularly among Volvo FH16 customers. For the first time they can now specify a solo axle without hub reduction, making it possible to cut fuel consumption by up to two percent. The axle has a generous selection of ratios, making it possible to optimise the overall gearing in the best possible way. The RSS1360 can be specified for Volvo's FH and FM ranges and is available on both rigids and tractors. The new solo axle will be gradually introduced on various markets during 2011 and 2012, starting in June this year.

"The trend in Europe shows an increasing shift towards more powerful trucks and larger vehicle rigs. The introduction of the new rear axle is one of many measures from Volvo designed to show that efficient and fast transports can also be very economical," says Hayder Wokil.



Facts, solo axle RSS1360

Solo axle with single reduction.

Max torque 3200 Nm.

Max axle load 13 tonnes.

Max gross combination weight 60 tonnes.

Find images here:

http://icp.llr.se/CumulusE_Z/NTC_ImageGallery/Login2.jsp?assets=T2011_1123;T2011_1124;T2011_1125.tif

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Images are available in the Volvo Trucks image bank <http://imagegallery.vtc.volvo.se/>.

Volvo Trucks provides complete transport solutions for professional and demanding customers. The company offers a full range of medium to heavy duty trucks. Customer support is secured by a global network of 2 300 dealers and workshops in more than 140 countries. Volvo trucks are assembled in 16 countries across the globe. In 2010 more than 75 000 Volvo trucks were delivered world wide. Volvo Trucks is part of the Volvo Group, one of the world's leading manufacturers of trucks, buses and construction equipment, drive systems for marine and industrial applications, aerospace components and services. The Group also provides solutions for financing and service.