

VOLVO ARTICULATED HAULERS
**AUTOMATIC
TRACTION CONTROL**



MORE CARE. BUILT IN.



EASIER TO OPERATE – ECONOMICAL TO OWN

From solid haul roads to wet and slippery ground. With Automatic Traction Control – ATC – Volvo's articulated haulers always use the unique possibilities offered by 6x4 and 6x6 drive – regardless of ground conditions. In normal mode, ATC selects fuel-saving 6x4 drive and only engages 6x6 drive when the operating conditions call for it. Automatic Traction Control – ATC – reinforces the features associated with Volvo's haulers – maximal productivity with minimal fuel consumption and long operating life.

Focus on the job

Continuously assessing ground conditions and deciding what drive combination is optimal at that exact time can be both difficult and demanding. It's also easy to wait just a little too long to change drive combination, to operate with 6x6 drive when it's not needed, which increases both fuel consumption and tire wear. Also, every change takes time and takes the operator's concentration off the job. The ATC-system consists of a number of sensors that control the differential locks with signals to the machine's electronics, ECU. The sensors immediately sense the slightest wheel slip and the ATC-system instantly engages the needed drive combination. This means the operators always will be running the machine with the right drive combination.

Valuable advantages

All operators benefit from ATC. The inexperienced operator will get into the job very quickly, without any extended training, and ATC provides the experienced operator with a system that makes work easier every day.

ATC is also an investment that pays off fast. Always operating with the correct drive combination means that the job gets done quickly and effectively. As well, it reduces fuel consumption by up to six percent – and the machine's environmental impact is reduced by just as much.

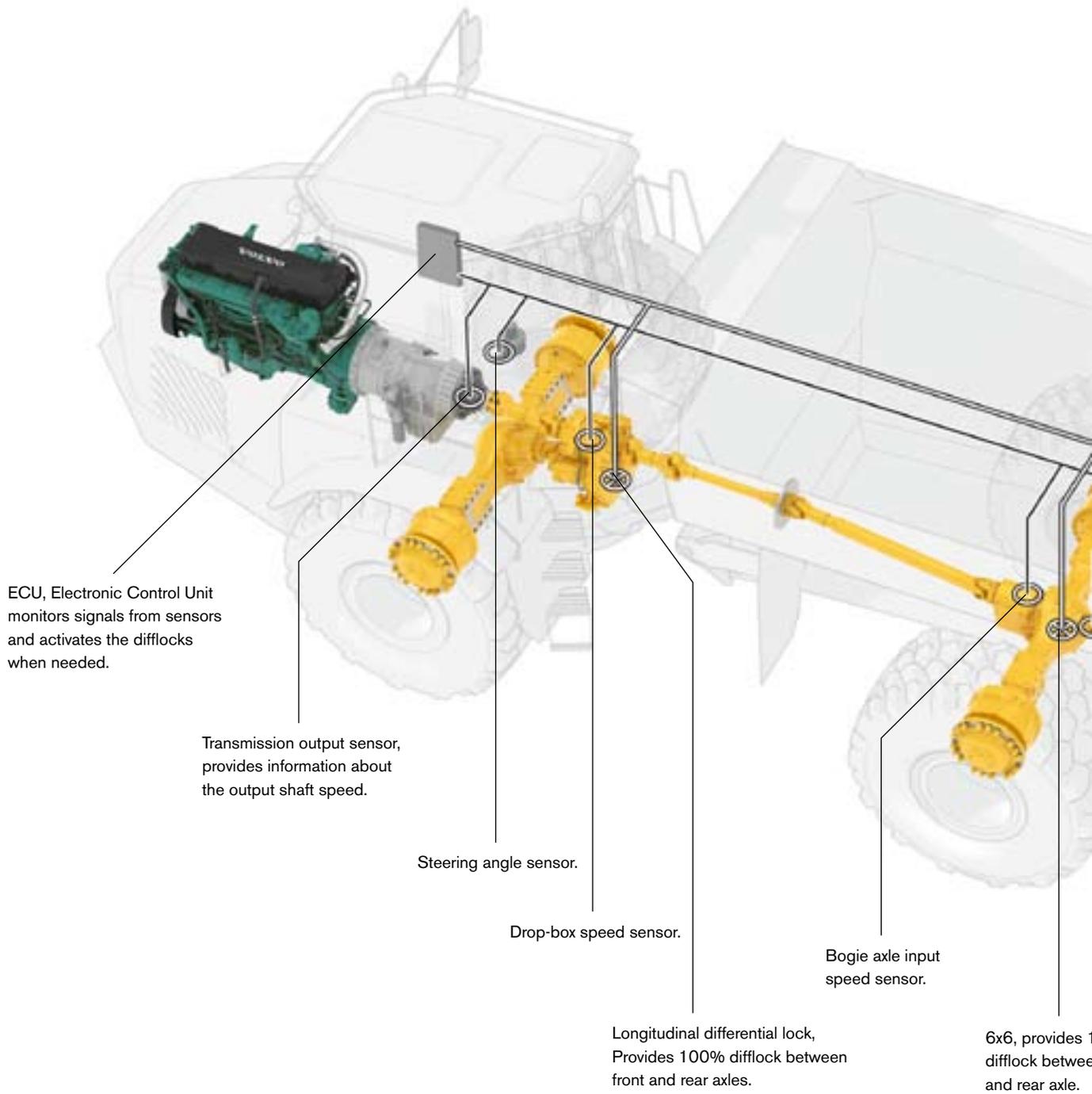
It's also easy to see the advantages with ATC in the long run. ATC reduces tire wear and protects the drivetrain against damage and unnecessary wear.

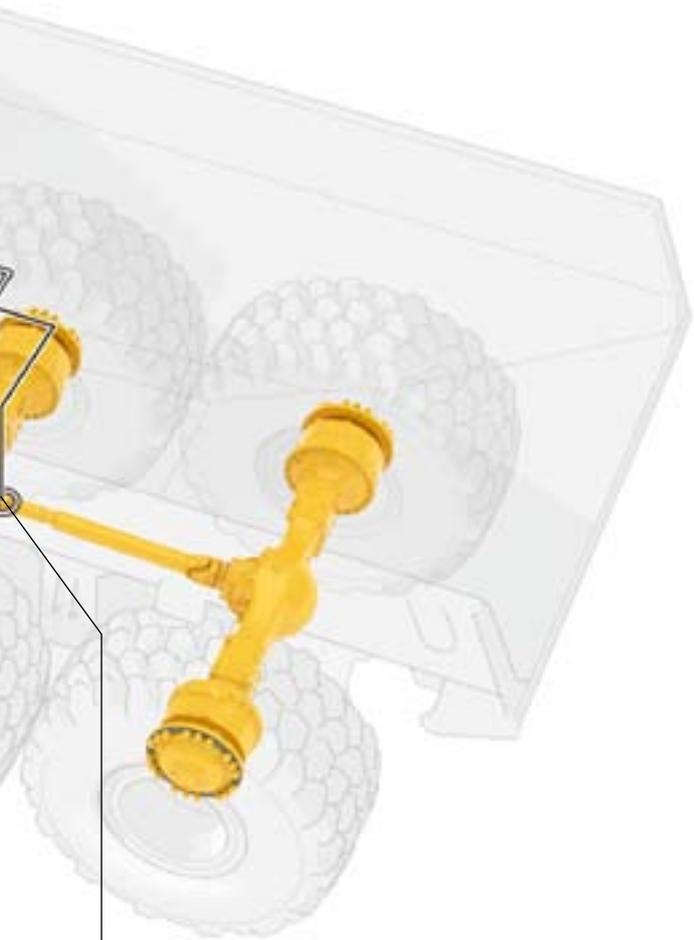


ATC – for several reasons

- The machine becomes easier to operate.
- Protects the drivetrain against damage and unnecessary wear.
- Reduces fuel consumption and tire wear.
- The machine becomes safer and more reliable.
- Increases productivity.
- The operator only needs to focus on operating.
- Reduces operating costs.
- Boosts profitability.

AUTOMATIC TRACTION CONTROL. BUILT IN.



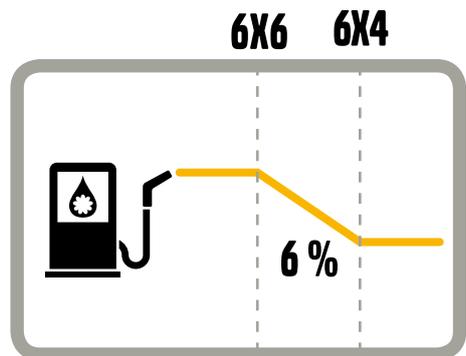


100%
on mid

Mid-axle output
speed sensor.



All operators benefit from ATC. The inexperienced operator will get into the job very quickly. ATC provides the experienced operator with a system that makes work easier every day.



Always operating with the correct drive combination reduces fuel consumption by up to six percent.





Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

Volvo Construction Equipment
www.volvo.com

Ref. No. VOE21A1005732
Printed in Sweden 2009-04-2,0
Volvo, Braås

English
ART