

## Press release

Verberie, France,  
April, the 17<sup>th</sup> of 2015

### **ADDIDRIVE™, ON DEMAND AWD FOR TRUCKS**

**Do you need additional mobility to drive occasionally in difficult conditions?**



The AddiDrive™ system is an additional hydrostatic transmission that offers to trucks and trailers better mobility in difficult driving conditions such as mud, snow, sand, slopes... It consists of a hydraulic transmission in addition to the standard mechanical transmission which transfers torque to a non-mechanically powered axle when needed. This hydraulic aid installed on the front or rear axle is an ecological alternative to full-time all-wheel drive.

The benefits of AddiDrive™ are not only mobility, other benefits include:

- ◆ Gives more efficient traction power without impact on the chassis and preserves dynamic performance of the standard vehicle.
- ◆ Improves the productivity by optimizing the vehicle versatility and payload.
- ◆ Activated only when needed, allows energy savings compared to AWD vehicles.
- ◆ Contributes to the vehicle safety and driver comfort on difficult fields or in poor conditions.

### How it works ?

The two hydraulic motors are directly integrated onto the spindle of either a steering axle or a fixed axle. The pump is driven by the engine Power Take-Off (PTO) and provides the energy to the system. The hydraulic valve manages the activation of the system and allows operation in free-wheeling mode. The Electronic Control Unit with embedded AddiDrive Software manages communication and operating logic between the system and the vehicle.

