IntelliTrac™ is Eaton’s new electronically controlled limited slip differential, providing fully variable torque distribution from open to full-lock. Powerful hydraulic actuation and precision electronic controls enable industry leading 100-millisecond response time. This enhances vehicle stability control by redirecting power to the wheels with traction and maintaining vehicle momentum in advance of brake and throttle interventions from Stability Control.

**Seamlessly Elevates Driver Confidence and Comfort**

**Trailer Stability:** Counters unwanted oversteer in turns, shifting torque to the inside wheel

**Snow/Ice Traction:** Proportions torque left-right optimizing traction & stability and reducing ESC interventions that lose momentum

**Beach/Dune Sand:** Approaching full lock across axle to eliminate “digging” one tire in soft dry sand

**Slippery Inclines:** Capable of full lock across axle like a pure Locker for extreme performance at full load
Eaton IntelliTrac™

An Active, Infinitely Variable Limited Slip Differential

IntelliTrac™ Specifications

- Fully variable torque distribution: from open to fully locked
- Leverages existing vehicle sensors to monitor driver input and vehicle response
- Works with and enhances the Electronic Stability Control System
- Manages torque distribution to optimize stability at all speeds
- Improves handling dynamics and drivability
- Improves trailer tow stability
- Neutralizes trailer-induced over steer

Seamlessly Integrates into the Electronic Stability Control System