Dedicated Hybrid Transmissions
The Integrating Technology in Future Vehicles

James Setter
Head of Automotive & Engineering
Xtrac Story

300 PEOPLE OWN 100% OF XTRAC

77% OF TURNOVER EXPORTED

24 GLOBAL MARKETS

1000+ GEARBOX DESIGNS
Xtrac Sectors

- Exports comprise over two thirds of sales, including Europe, USA, Japan, South America, China & Russia.
Automotive & Engineering
Race to Road Transmissions

AMT
Automated Manual Transmission

ILEV
Integrated Lightweight EV Transmission

DHT
Dedicated Hybrid Transmission
Automotive & Engineering
DHT

DHT – Defined by the CTI Advisory Board

DHT’s are hybrid transmission where the electric motor is used to fulfil functional transmission requirements.
Automotive & Engineering
DHT

- Combined ICE+EM Torque
- ICE Only Torque
- EM Only Torque in Output Connected Mode

Full torque until available for shift points in this region
Conclusions