Application Questionnaire for Power Split Transmission

OEM Name _____ Date _____

Address _____

_____

_____

Information Furnished by / Title _____

Telephone _____ Direct _____

Telefax _____

E-Mail _____

Internet _____

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Germany

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Model Designation _____ **Project No.** _____

Application _____

Current Model ☐ New Model ☐

Planned Units per Year _____

Annual Vehicle Usage in Hours _____

Expected Years of Life (to Rebuilding) _____

Vehicle Data

1. **Total Vehicle Weight** Empty _____ to
   Fully Loaded _____ to

2. **Driving Speed** Empty _____ km/h
   Fully Loaded _____ km/h

3. **Typical Load Cycle** _____

4. **Special Driving Condition** _____

5. **Max. Tractive Effort** _____ kN

6. **Number of Driven Axles** (Please Add Driveline Layout) _____

7. **Installed Axles** Type _____
   Axle Ratio _____

8. **Installed Wheels**

	Tyre Size	Rim Size	Dynamic Radius of Tyres
Standard Tyre			
Option			

Drive Line Data

9. **Engine (Please Add Engine Datasheet)**
   Make/Type _____
   Performance _____ kW at n = _____ min^{-1}
   Max. Output Torque _____ Nm at n = _____ min^{-1}
   Max. Number of Revolutions _____ min^{-1}

10. **Torque Distribution** Output Front _____ % Output Rear _____ %

11. **Declutchable** ☐ **Differential Lock** ☐

12. **Shaft Distance** _____ mm

13. **Type of Input/Output Flange**

Input Flange
☐ 70° Cross Serrated ISO 8667-T180
☐ 70° Cross Serrated ISO 8667-T150
Others _____

Output Flange
☐ 70° Cross Serrated ISO 8667-T180
☐ 70° Cross Serrated ISO 8667-T150
Others _____

14. **Turning Direction of Drive Flange for Forward Travel** (Looking at Flange Face)

Input Rotation ☐ CW ☐ CCW

15. **Power Take-off**

Connected to Transmission Input
1. Connection (Please Add Sketch) _____
2. Connection (Please Add Sketch) _____

Connected to Transmission Output (e.g. Emergency Steering Pump)
Connection (Please Add Sketch) _____

16. **Parking Brake** ☐ Yes ☐ No

Required Brake Touque _____

17. **Speedometer Drive** ☐ Connection (Please Add Sketch) _____

Transmission approval by Kessler + Co GmbH & Co. KG

For Execution due to Inst. Drawing _____ Date _____

Signed, Date _____

The recommended transmission for the particular application described, indicated by the drawing-no., are based on the specifications and data supplied by the OEM. Although Kessler + Co has approved the above mentioned components the OEM has superior knowledge concerning its products and the circumstances under which its products will be utilized. **The OEM, therefore, must give Kessler proof that they did the appropriate vehicle testing, before Kessler will approve the particular volume production.**