

OEM Name _____ **Date** _____
Address _____

Information Furnished by / Title _____
Telephone _____ **Direct** _____
Telefax _____
E-Mail _____
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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**

Driving Rate					%
Weight					to
Speed					km/h
Slope					%

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

5. **Installed Axles** Type _____
 Axle Ratio _____ Dynamic Radius of Tires _____ mm



Drive Line Data

6. **Type of Driven Unit** Mechanical Hydrodynamic Hydrostatic Electric

7. Engine

Make/Type _____
 Performance _____ kW at n = _____ min⁻¹
 Max. Output Torque _____ Nm at n = _____ min⁻¹
 Max. Number of Revolutions _____ min⁻¹

8. **Converter Ratio** _____

9. Transmission

Make/Type _____
 Ratios _____
 Reverse Gear _____

10. Hydrostatic Motor

Make/Type _____
 Max. Torque _____ Nm at Rated Pressure _____ bar
 Max. Number of Revolutions _____ min⁻¹

11. Electric Motor

Make/Type (Please Add Data Sheet) _____
 Nominal Torque _____ Nm Max. Torque (peak) _____ Nm
 Nominal Power _____ kW Max. Power (peak) _____ kW
 Max. Number of Revolutions _____ min⁻¹ Moment of Inertia _____ kgm²

12. **Transfer Case Data** Single Speed Two Speed

13. **Ratios** i1 _____ i2 _____

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

15. **Declutchable** **Differential Lock**

16. **Shaft Centre Distance** _____ mm



17. **Type of Input/Output Flange** 70° Cross Serrated ISO 8667-T180
 70° Cross Serrated ISO 8667-T150
 Others _____
18. **Turning Direction of Drive Flange for Forward Travel** (Looking at Flange Face) CW CCW
19. **Power Take-off** (e. g. Emergency Steering Pump)
 Connection (Please Add Sketch) _____
20. **Speedometer Drive** Connection (Please Add Sketch) _____
21. **External Oil Cooler** Connection (Please Add Sketch) _____
22. **Gearbox Installation** Standing Horizontal (Please Add Sketch)

Transfer Case approval by Kessler + Co GmbH & Co. KG

For Execution due to Inst. drawing _____ Date _____

Signed, Date _____

The recommended transfer cases 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.**

