

OEM Name _____ **Date** _____
Address _____

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

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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

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 _____

Max. Torque _____ Nm

at Peak Factor _____ Max. Number of Revolutions _____ min⁻¹

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

13. **Ratios** i1 _____ i2 _____

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

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

16. **Shaft Distance** _____ mm



17. **Type of Input/Output Flange** 70° Cross Serrated ISO 8667-T180
 70° Cross Serrated ISO 8667-T150
 Others _____
18. **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. Therefore the OEM must maintain final and ultimate responsibility for determining and validating the appropriates of utilizing Kessler transfer cases in its products (prototype vehicle testing). Please advise if any additional information is required.

