

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 _____ Lb
 Fully Loaded _____ Lb

2. **Driving Speed** Empty _____ MPH
 Fully Loaded _____ MPH

3. **Typical Load Cycle**

Driving Rate					%
Weight					Lb
Speed					MPH

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

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



Drive Line Data

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

7. **Engine**

Make/Type _____

Performance _____ HP at n = _____ RPM

Max. Output Torque _____ Ft-Lb at n = _____ RPM

Max. Number of Revolutions _____ RPM

8. **Converter Ratio** _____

9. **Transmission**

Make/Type _____

Ratios _____

Reverse Gear _____

10. **Hydrostatic Motor**

Make/Type _____

Max. Torque _____ Ft-Lb at Rated Pressure _____ PSI

Max. Number of Revolutions _____ RPM

11. **Electric Motor**

Make/Type _____

Max. Torque _____ Ft-Lb

at Peak Factor _____ Max. Number of Revolutions _____ RPM

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** _____ In.



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.

KESSLER+CO