

**OEM** \_\_\_\_\_ 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) \_\_\_\_\_

1. **Axle Arrangement**

	1.	2.	3.	4.		
Steerable/Max. Lock Angle						Axle Degrees
Driven Axle						
Drive Assembly Declutchable						
Wheel Base						In.

2. **Gross Weight** Fully Loaded  Empty  Lb

3. **Axle Loads** Fully Loaded at v= \_\_\_\_\_ MPH Lb  
 Axle Loads Unloaded at v= \_\_\_\_\_ MPH Lb  
 Axle Loads for Special Applications \_\_\_\_\_ Lb  
 \_\_\_\_\_ Lb

4. **Max. Static Axle Loads** \_\_\_\_\_ Lb

5. **Max. Static Wheel Loads** \_\_\_\_\_ Lb



6. **Track Width Required**

In.

7. **Axle Mounting/Type of Suspension**

Spring  
Rigid  
Oscillating


8. **Spring Centers**

In.

9. **Tire Size** (S = Single, D = Dual Tyres)

Dynamic Radius of Tires


In.

10. **Rim Size**

Make/Type  
Disc Thickness


In.

11. **Rim Offset**

In.

12. **Wheel Fixing Dimensions**

Pitch Circle Dia \_\_\_\_\_  
Number of Wheel Studs \_\_\_\_\_

Wheel Stud Thread \_\_\_\_\_  
Center Bore Dia \_\_\_\_\_

Rim Located on Center Spigot

Rim Located on Coned Nut

13. **Type of Drive Unit**

Mechanic

Hydrodynamic

Hydrostatic

Electric

14. **Engine**

Make/Type \_\_\_\_\_  
Performance \_\_\_\_\_  
Max. Output Torque \_\_\_\_\_

HP at n = \_\_\_\_\_ RPM  
Ft-Lb at n = \_\_\_\_\_ RPM

15. **Hydrostatic Drive**

Make/Type \_\_\_\_\_  
Max. Torque \_\_\_\_\_

Ft-Lb at n = \_\_\_\_\_ PSI

16. **Torque Converter**

Make/Type \_\_\_\_\_  
Stall Torque Ratio  $i_H$  \_\_\_\_\_





**26. Brakes**

Type \_\_\_\_\_ Size \_\_\_\_\_  
 Required Brake Deceleration \_\_\_\_\_  
 Service Brake \_\_\_\_\_  
 Parking Brake \_\_\_\_\_

**27. Brake Operation**

Operated by  Hydraulic  Pneumatic  Mechanic  
 Mineral Oil Brake Fluid  
 Operating Pressure \_\_\_\_\_ PSI

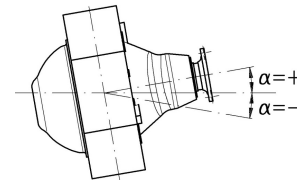
ABS Required?  Yes  No

**28. Vehicle Center of Gravity** \_\_\_\_\_ In.

**29. Special Remarks for Application** \_\_\_\_\_

**30. Sketch of Driveline Attached?**  Yes  No

**31. Drive head position**   $\alpha = 0^\circ$  horizontal  
  $\alpha = \underline{\hspace{2cm}}$



**32. For Installation and Clearance Check Customer Should Provide:**

Rim Drawing, Brake Actuator Drawing, Axle Bracket Drawings, Forces on Axle Brackets.

**Axle Approval by Kessler + Co GmbH & Co. KG**

For Execution due to Inst. drawing \_\_\_\_\_ Date \_\_\_\_\_

Signed, Date \_\_\_\_\_

The recommended axles for the particular application described, indicated by the installation 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.**

