

**OEM** \_\_\_\_\_ Date \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Information Furnished by / Title \_\_\_\_\_  
 Telephone \_\_\_\_\_  
 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) \_\_\_\_\_

1. <b>Axle Arrangement</b>	1.	2.	3.	4.		
Steerable/Max. Lock Angle						Axle Degrees
Driven Axle						
Drive Assembly Declutchable						
Wheel Base						mm

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

3. <b>Axle Loads</b> Fully Loaded at v= _____ km/h						to
Axle Loads Unloaded at v= _____ km/h						to
Axle Loads for Special Applications						to
_____						to
_____						to

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

5. <b>Max. Static Wheel Loads</b>						to
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6. **Track Width Required**  mm

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

Spring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rigid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. **Spring Centers**  mm

9. **Tyre Size** (S = Single, D = Dual Tyres)  
Dynamic Radius of Tyres  mm

10. **Rim Size**  
Make/Type   
Disc Thickness  mm

11. **Rim Offset**  mm

12. **Wheel Fixing Dimensions**  
Pitch Circle Dia \_\_\_\_\_ Wheel Stud Thread \_\_\_\_\_  
Number of Wheel Studs \_\_\_\_\_ 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 \_\_\_\_\_ kW at n = \_\_\_\_\_ min<sup>-1</sup>  
Max. Output Torque \_\_\_\_\_ Nm at n = \_\_\_\_\_ min<sup>-1</sup>

15. **Hydrostatic Drive**  
Make/Type \_\_\_\_\_  
Max. Torque \_\_\_\_\_ Nm at \_\_\_\_\_ bar

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  
 Operating Pressure \_\_\_\_\_ bar  
 Mineral Oil Brake Fluid

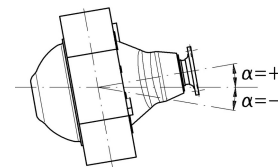
ABS Required?  Yes  No

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

**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 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.**

