



390 Koopman Lane  
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## VEHICLE DRIVE SHAFT APPLICATION DATA SHEET

### GENERAL

Customer: \_\_\_\_\_ Date: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Engineering Contact (Name, Title, & Phone): \_\_\_\_\_  
 Purchasing Contact (Name, Title, & Phone): \_\_\_\_\_  
 Type and Function of Vehicle: \_\_\_\_\_  
 \_\_\_\_\_  
 Est. Prototype Date: \_\_\_\_\_ Est. Production Date: \_\_\_\_\_ Est. Volume (Min/Max): \_\_\_\_\_

### VEHICLE POWER TRAIN INFORMATION

**Engine:** Make \_\_\_\_\_ Engine Model \_\_\_\_\_  
 Peak Torque \_\_\_\_\_ at \_\_\_\_\_ RPM, Peak HP \_\_\_\_\_ at \_\_\_\_\_ RPM, Max. RPM \_\_\_\_\_

**Transmission:** Make \_\_\_\_\_ Model \_\_\_\_\_  
 Gear Ratios Forward \_\_\_\_\_ Reverse \_\_\_\_\_

**Torque Converter:** Make \_\_\_\_\_ Model \_\_\_\_\_ Stall Ratio \_\_\_\_\_

**Drop/Aux Trans.:** Make \_\_\_\_\_ Model \_\_\_\_\_ Gear Ratios \_\_\_\_\_

**Transfer Case:** Make \_\_\_\_\_ Model \_\_\_\_\_ Gear Ratios \_\_\_\_\_

#### Axles:

	Manufacturer	Model	Ratio	Location on Vehicle
1				
2				
3				

#### Vehicle Weights:

	G.V.W.	Front Axle	Rear Axle
Maximum			
Minimum			

**Tires:** Size \_\_\_\_\_ Loaded Rolling Radius \_\_\_\_\_

## VEHICLE DRIVE SHAFT APPLICATION DATA SHEET

### DRIVE SHAFT INFORMATION

Specify Drive Shaft Type & Series if Known (Place an X in appropriate box)

	Series for Shaft #1	Series for Shaft #2	Series for Shaft #3
Round Bearing			
Wing Bearing/ C-Type			
Other/Comments			

### Drive Shaft Layout

Shaft	Location		Operation Lengths (CL-CL)			Operating Angle		
	From	To	Installed	Min.	Max.	Continuous	Min.	Max.
1								
2								
3								

Duty Cycle Information (Use up to 4 categories per shaft)

	Shaft #1				Shaft #2				Shaft #3			
	1	2	3	4	1	2	3	4	1	2	3	4
% Run Time												
Shaft Torque*												
Shaft RPM												
Joint Angle**												
Required Joint Life (hrs)					* Torque is in units of _____ . ** Joint Angle is in units of Degrees.							

Maximum Shaft Torque: \_\_\_\_\_ Maximum Shaft RPM: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

Note: Please attach layout sketches/drawings of top and side views

Proposed By: \_\_\_\_\_ Title: \_\_\_\_\_