

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 _____

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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: _____