



390 Koopman Lane
 Elkhorn, WI 53121
 Phone: (262) 723-2944
 Fax: (262) 723-2785

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: _____