Certified PowerTrain®
Engineered Machined Solutions

INDUSTRIAL/PUMPING DRIVE SHAFT APPLICATION DATA SHEET

GENERAL

Customer: _____   Date: _____

Address: _____

Engineering Contact (Name, Title, & Phone): _____

Purchasing Contact (Name, Title, & Phone): _____

APPLICATION INFORMATION

Please answer the following questions as complete as possible. Specify "NA" if question does not apply.

1. Constant or Variable Speed Application: _____

2. Circle Engine Type: <u>Gas</u>, <u>Diesel</u>, <u>Electric</u>, <u>Steam</u>, or <u>Natural Gas</u>

3. Horse Power of Application: _____ HP

4. Highest Speed of Application: _____ RPM

5. Lowest Speed of Application (applies for VFD only): _____ RPM

6. Gear Reduction: _____

7. Operating Angle: _____ Degrees

8. Service Factor for Driven Equipment: _____

9. B-10 Life Required: _____ Hours

10. Length of Drive Shaft: _____ ft or in

11. WR^2 of Motor Shaft: _____ lbs-ft^2

12. Stiffness of Motor Shaft: _____ in-lbs/radian

13. WR^2 of Pump/Gear-Drive Shaft: _____ lbs-ft^2

14. Stiffness of Pump/Gear-Drive Shaft: _____ in-lbs/radian

15. Number of Impeller Vanes in Pump: _____

Additional Comments: _____

_____

_____

_____

Proposed By: _____   Title: _____