



Date: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Application: \_\_\_\_\_

### Machine Technical Data

Type of Equipment: \_\_\_\_\_  
 Engine Power: \_\_\_\_\_ HP \_\_\_\_\_ RPM  
 Hydraulic Continuous: \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
 Hydraulic Maximum: \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
 Gearbox Function: \_\_\_\_\_

### Gearbox Data

Max Output Torque: \_\_\_\_\_ in-lbs  
 Max Output Speed: \_\_\_\_\_ RPM  
 Position of Pinion:  Up  Down  Horz  
 Reduction Ratio: \_\_\_\_\_ :1  
 Operating Range: \_\_\_\_\_ °F  
 Design Life Required: \_\_\_\_\_ hrs  
 Annual Requirements: \_\_\_\_\_ Qty/yr  
 Eccentric Mount:  Yes  No

### Pinion Gearing Data

Number of Pinion Teeth: \_\_\_\_\_ Qty  
 Pitch Diameter: \_\_\_\_\_ in  
 Diametral Pitch: \_\_\_\_\_  
 Pressure Angle: \_\_\_\_\_ deg  
 Shaft Drop: 

A	_____	in
B	_____	in

  
 Pinion Face Width: 

B	_____	in
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 Ring Gear Manufacturer: \_\_\_\_\_  
 Ring Gear Part Number: \_\_\_\_\_

### Hydraulic Motor Data

Fixed Displacement  Variable Displacement  
 Type: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Maximum Displacement: \_\_\_\_\_ in<sup>3</sup>/rev  
 Pilot: \_\_\_\_\_ in Spline Data: \_\_\_\_\_

### Spline Connection Data

Number of Shaft Teeth: \_\_\_\_\_ Qty  
 Pitch Diameter: \_\_\_\_\_ in  
 Diametral Pitch: \_\_\_\_\_  
 Pressure Angle: \_\_\_\_\_ deg

### Electric Motor Data

Manufacturer: \_\_\_\_\_  
 Frame Size: \_\_\_\_\_  
 RPM: \_\_\_\_\_

### Brake Data

Brake Torque Required: \_\_\_\_\_ in-lbs  
 Brake Release Pressure: \_\_\_\_\_ PSI

### Duty Profile Load Spectrum

Condition	Output Torque (in-lbs)	Speed (RPM)	Radial Load (lbs)	Time (%)
1				
2				
3				
4				