

YOUR NAME AND TITLE Date

COMPANY NAME ADDRESS

APPLICATION: Currently in use New

If currently in use, what bearings are now being used?

Manufacturer Part No.

Equipment bearings to be used on: Model No.

No. bearings per unit Anticipated requirement per year

OPERATING TEMPERATURE Speeds

LOADS Desired L-10 Life

(Magnitude & Direction)

Intermittent (Describe) Shock

SHAFT:

Horizontal Angular Oscillating (Angle) Vertical

Rotating Stationary Potential shaft deflection or housing deflection

Degree of expected misalignment Housing material

Shaft material Shaft heat treat (Inner race omitted)

LUBRICATION:

Type Method Cycle

If CF type, are all oil holes needed? Yes No Lubricant used or required

FOR GEAR PUMP CALCULATIONS, the following additional information is needed:

Operating pressure in PSI RPM

No. of teeth Gear Pitch Gear Width

Percentage or time of duty at operating pressure — Test Basis

Percentage or time of duty at operating pressure — Field Basis

FOR GEAR TRAINS, the additional information is needed in addition to a print:

Horsepower input Distance between gears Helix angle

Input speed Pitch diameters Spiral angle No. of teeth

IF SPIRAL OR HELICAL GEARING:

Direction of driving pinion Hand of Spiral or Helix