

Kalsi Seals® Application Questionnaire

Name:
Date:
Company:
Department:
Position/Title:
Address:
City:
State/Province:
Country:
Postal Code:
Phone:
E-Mail:
Fax:

Questions

Description of the equipment and functions of the rotary seals:

Do the rotary seals start under pressure, or does the pressure build after rotation begins?

Lubricant pressure and pressurization method:

Process fluid pressure:

Process fluid temperature range:

A description of the operational cycle; i.e. continuous rotation, intermittent rotation, etc:

Supplemental cooling arrangement, if any (circulation through shaft, coolant jacket, lubricant circulation, etc.):

Flow rate of the process fluid:

Shaft diameter at the rotary seal location:

Typical and maximum shaft rotational speed:

Is the shaft solid or hollow? If the shaft is hollow, what is the bore diameter, and what is the flow rate of any fluid flowing through the shaft?

Available torque for seal breakout:

Shaft deflection at the rotary seal location:

Shaft radial dynamic runout:

Direction of shaft rotation:

Shaft axial motion, if any, and rate and direction of axial motion:

Shaft material description:

Shaft surface finish:

Shaft wear surface coating description:

Lubricant description (Manufacturer, Lubricant name, ISO viscosity, etc):

Lubricant reservoir description:

Process fluid description, including solids content:

Equipment location/environment; i.e. arctic, tropical, indoors, outdoors, ocean floor, well bore, etc:

Equipment temperature range in the vicinity of the rotary seals:

A description of the seal presently being used, and the problems associated with it:

Current and desired rotary seal life:

Number of units to be sealed and anticipated annual seal usage:

Sketch of application (or attach drawings):