Application Data Sheet

Company Name _____

Address _____

City _____ State / Province _____ Zip / Postal Code _____ Country _____

Contact Name _____

Telephone _____ Email _____

Description of proposed seal application _____

Action

Rotating		**Oscillating**	
Normal rotating speed	_____ RPM	Angular arc	_____ degrees
Maximum rotating speed	_____ RPM	Frequency	_____ cycles / minute
Duration of maximum RPM	_____ minutes	Duration of motion	_____ seconds
Time to reach maximum RPM	_____ seconds		

Sealing System

Shaft size or internal component diameter _____ mm Is seal exposed to the environment? _____

Radial tolerance stack _____ mm Axial tolerance stack _____ mm

Pressure

Is oil compartment vented? _____ If no, what is operating pressure (kPa)? _____ Maximum (kPa)? _____

If pressurized, where is the pressure (inside / outside / both)? _____

Lubrication

Type of lubricant to be used _____

List other contacting substances to seal (e.g. grease) _____

What is the oil level with relation to the shaft centerline? _____ mm

Normal operating temperature _____°C Maximum operating temperature _____ °C

Operating Environment

Prolonged muddy conditions? _____ Description _____

Prolonged abrasive conditions (e.g. quarry)? _____ Description _____

Prolonged high temperatures (above 100°C)? _____ Prolonged cold temperatures (below 0°C) _____

Other (e.g.landfill) _____

Assembly Drawing

To determine tolerance stack-up, end play, surface textures, and axial / radial spatial constraint

Gap distance between seals (U-gap)

To check design for simplicity, ease of assembly, and exposure to and protection from outside environment

Anticipated Annual Volume

Units of seals: Year 1:_____, Year 2:_____, Year 3:_____