

DEVRIES INTERNATIONAL FIELD FAILURE ANALYSIS REPORT

DVI representative who received complaint:

DVI representative who will resolve complaint:

GENERAL INFORMATION

Customer:

Date:

Customer P/N:

DVI P/N:

Application:

FFAR#:

QAS#:

Reported Failure Mode:

APPLICATION CONDITIONS WHEN FAILURE OCCURS

Type of Motion

☐ Rotation

☐ Reciprocation

☐ Oscillation

Position of Shaft

☐ Horizontal

☐ Vertical

Speed

Normal:

Max:

Range:

Temperature

Normal:

Max:

Min:

Pressure

Internal

Max:

Min:

External

Max:

Min:

Fluid Medium

Type

☐ Full Shaft

☐ Half Shaft

☐ Mist

Specification:

Additives:

Inspection Procedure:

Installation Procedure:

BORE

Material:

Hardness:

Finish:

Chamfer:

I.D.:

SHAFT

Material:

Hardness:

Finish:

Chamfer:

O.D.:

Misalignment:

Axial End Play:

Dynamic Runout:

Any special conditions which are different from initial data sheet specifications:

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APPLICATION REQUIREMENTS

Seal Leakage Expected:

Seal Life Expected:

Remarks:

FAILURE MODE

Type of Failure

☐ Leakage☐ Life☐ Contaminant Ingress

Other:

MAGNITUDE OF FAILURE

Frequency of Occurrence:

% of Parts with Failure:

When does the Failure Occur:

Significance of Failure:

Other Considerations:

DISASSEMBLY INSPECTION

Area of Leakage:

☐ I.D.☐ O.D.

Is the Seal Seated Properly?

Probable Leak Path:

Lubricant Condition:

Contaminants Present:

Seal Condition:

Housing Condition:

Shaft Condition:

Possible Problem:

Actual Problem:

CORRECTIVE ACTION

Failure Resolution:

Effectiveness & Verification:

Date Closed:

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