

# Sealing System Leakage Analysis Checklist

## Part 2

Clean the removed seal in a mild solvent. Do not attempt to scrape away carbon, etc. Inspect the seal using this checklist.

### Primary Lip Area

Check	Condition	Reference Code
<input type="checkbox"/>	Normal wear	C.2.1.1
<input type="checkbox"/>	No wear	C.2.1.1
<input type="checkbox"/>	Excessive wear	C.2.1.1
<input type="checkbox"/>	Eccentric wear	C.2.1.3
<input type="checkbox"/>	Inverted lip due to poor installation	C.2.1.10
<input type="checkbox"/>	Nicks, scratches or cuts at lip contact area	C.2.1.4
<input type="checkbox"/>	Hardened or cracked rubber	C.2.1.6
<input type="checkbox"/>	Coked oil on lip	C.2.1.8
<input type="checkbox"/>	Softening or swelling	C.2.1.9

### Seal Outside Diameter

Check	Condition	Reference Code
<input type="checkbox"/>	Normal	-----
<input type="checkbox"/>	Severe axial scratches	C.2.2.2
<input type="checkbox"/>	Peeled rubber	C.2.2.3
<input type="checkbox"/>	Hardened rubber	C.2.2.4
<input type="checkbox"/>	Nonfills or cuts	C.2.2.5

### Spring and Spring Groove Area

Check	Condition	Reference Code
<input type="checkbox"/>	Spring normal and in place	-----
<input type="checkbox"/>	Spring missing	C.2.3.1
<input type="checkbox"/>	Spring corroded	C.2.3.2
<input type="checkbox"/>	More than one spring	C.2.3.4
<input type="checkbox"/>	Seperated spring	C.2.3.5

### Make the Following Measurements

Primary lip inside diameter?	( _____ )	C.2.1.7
Primary lip radial force?	( _____ )	C.2.1.7
Seal outside diameter?	( _____ )	C.2.2.1
Spring inside diameter?	( _____ )	C.2.3.3
Spring tension?	( _____ )	C.2.3.3
Primary lip wear band width?		
Min.	( _____ )	
Max.	( _____ )	

Comments:

Completed By: \_\_\_\_\_

Date: