



Comments – Failure is supported by the wear indicated on the slide. Severe amount of High Alloy Stainless Steel particles in the 15-65 micron range. Significant amount of Black Metal Oxides indicating exposure to higher than normal operating temperatures. Significant amount of Abrasive Particles. Significant amount of Spalling Wear particle. Significant amount of Laminar Wear particles (Steel) most likely from Steel Roller Bearings or Steel Shaft. Significant amount of particles possibly from Seals or Alumina Silica (dirt). Significant amount of Fibers.

Date	10-31-01
Customer:	Your Company
Contact	John Customer
Lab #:	699472
Unit ID:	2561 Compressor
Unit Type:	Gas Compressor
Observations:	Severity: 1= Minor 2= Moderate 3= Significant 4= Severe
Rubbing Wear	3
<10 Microns	3
>10 Microns	3
>50 Microns	4
Cutting Wear	2
Laminar Wear	3
Spheres	3
Corrosive Wear	1
Ferrous Metal	4
Non-Ferrous	1
Black Oxides	3
Red Oxides	2
Abrasives	4
Fibers	3
Spalling Wear	3

