



Form:

Comments:

\*\* PREVIOUS 3 \*\* SAMPLE APPEARS NORMAL, SEND NEXT SAMPLE AT THE NORMAL INTERVAL. \*\*

A.L.A.R.M. Meter: Normal Elevated High

Sample Date: 1/31/2007  
 Analysis Date: 2/13/2007  
 Sample Number: P32  
 Cylinder Type: STEEL  
 TSN/TSO: 1078  
 Oil Hours: 77  
 Filter Hours:  
 Oil Added:  
 Filter Wt. (mgs):  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

## \*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
200.8 (83.5)	8.8 (4.6)	12 (6.2)	11.9 (8.9)	N/A	N/A	10.4 (12.2)	10674 (5,980)	3.4 (6.6)	N/A	0.8 (0.8)	N/A

## \*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

\*\* PREVIOUS 4 \*\* SAMPLE APPEARS NORMAL, SEND NEXT SAMPLE AT THE NORMAL INTERVAL. \*\*

A.L.A.R.M. Meter: Normal Elevated High

Sample Date: 9/11/2006  
 Analysis Date: 9/19/2006  
 Sample Number: P35  
 Cylinder Type: Unknown  
 TSN/TSO: 1001  
 Oil Hours: 58  
 Filter Hours:  
 Oil Added: 0  
 Filter Wt. (mgs): 0  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

## \*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
144.1 (N/A)	8.5 (N/A)	3.9 (N/A)	9.1 (N/A)	N/A	N/A	12.5 (N/A)	9273 (N/A)	3.4 (N/A)	N/A	0 (N/A)	N/A

## \*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

\*\* PREVIOUS 5 \*\* SAMPLE APPEARS NORMAL, SEND NEXT SAMPLE AT THE NORMAL INTERVAL. \*\*

A.L.A.R.M. Meter: Normal Elevated High

Sample Date: 6/5/2006  
 Analysis Date: 6/14/2006  
 Sample Number: P25  
 Cylinder Type: Unknown  
 TSN/TSO: 941  
 Oil Hours: 43  
 Filter Hours:  
 Oil Added: 0  
 Filter Wt. (mgs): 0  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

## \*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
121.1 (N/A)	10.1 (N/A)	4.5 (N/A)	7.2 (N/A)	N/A	N/A	6.5 (N/A)	6230 (N/A)	3.4 (N/A)	N/A	0.2 (N/A)	N/A

## \*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

\*\* PREVIOUS 6 \*\* SEE LAB COMMENTS \*\*

A.L.A.R.M. Meter: Normal Elevated High

Sample Date: 4/14/2006  
 Analysis Date: 4/24/2006  
 Sample Number: P15

## \*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
94.5 (N/A)	18.8 (N/A)	3.7 (N/A)	4.8 (N/A)	N/A	N/A	5.4 (N/A)	6172 (N/A)	7.5 (N/A)	N/A	1.3 (N/A)	N/A

Cylinder Type: **Unknown**  
 TSN/TSO: 898  
 Oil Hours: 50  
 Filter Hours:  
 Oil Added: 0  
 Filter Wt. (mgs): 0  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

\*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: NOTE DECREASE IN COPPER. WE WILL MONITOR AT THE NEXT NORMAL INTERVAL.

**\*\* PREVIOUS 7 !!CAUTION!! CONTACT ENGINE MANUFACTURER'S SERVICE REP.**

A.L.A.R.M. Meter: Normal Elevated High

\*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
179.4 (N/A)	53.6 (N/A)	6.2 (N/A)	9.2 (N/A)	N/A	N/A	9.1 (N/A)	8251 (N/A)	5.5 (N/A)	N/A	4.8 (N/A)	N/A

Sample Date: 3/3/2006  
 Analysis Date: 3/13/2006  
 Sample Number: P41  
 Cylinder Type: **Unknown**  
 TSN/TSO: 796  
 Oil Hours: **Unknown**  
 Filter Hours:  
 Oil Added: 0  
 Filter Wt. (mgs): 0  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

\*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: NOTE HIGH COPPER. HIGH COPPER IS TYPICALLY CAUSED BY BUSHING WEAR. CONTACT THE ENGINE MANUFACTURER'S SERVICE REP.

**\*\* PREVIOUS 8 \*\* RESAMPLE ENGINE IN 25 OIL HOURS. \*\***

A.L.A.R.M. Meter: Normal Elevated High

\*\*\* OIL ANALYSIS RESULTS IN PARTS PER MILLION \*\*\*

Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.
185.8 (N/A)	4.6 (N/A)	7.6 (N/A)	10.6 (N/A)	N/A	N/A	11.1 (N/A)	6756 (N/A)	8 (N/A)	N/A	0 (N/A)	N/A

Sample Date: 11/15/2005  
 Analysis Date: 11/28/2005  
 Sample Number: P55  
 Cylinder Type: **Unknown**  
 TSN/TSO: 733  
 Oil Hours: 52  
 Filter Hours:  
 Oil Added: 0  
 Filter Wt. (mgs): 0  
 Flashpoint(deg. F):  
 H2O (ppm):  
 Total Acid No.:

\*\*\* FILTER ANALYSIS RESULTS \*\*\*

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: NOTE HIGH IRON CONCENTRATION. HIGH IRON IS TYPICALLY CAUSED BY AIRCRAFT INACTIVITY. RESAMPLE IN 25 HOURS