

910 MARIA STREET KENNER, LOUISIANA 70062 (504) 469-6751

HYDRAULIC FLUID TEST RESULTS

SKYWEST AIRLINES

attn: CHARLES COX

Control Number: 6-2-1Q

Tail Number: N925SV

CHARLES COX

Tail Number: N925SW

Aircraft Type: CL600

Fluid Type: HYJET IV
Sample Date: 5/27/2010
PALM SPRINGS CA 92262 System Number: 3 RETURN

Serial Number: 7682
Air Frame Hours: 20,310.80
Fluid Hours: 0.00

VISCOSITY @ 40 DEG. C (cSt.): 7.24 SPECIFIC GRAVITY: 1.014

TOTAL ACID NUMBER (mgKOH/g): 0.03 WATER KARL FISCHER (PPM wt.): 3,082

PARTICLE SIZE DIST. (MICRONS/100 mL)

 MICRONS 5-15:
 77,976

 MICRONS 15-25:
 6,808

 MICRONS 25-50:
 920

 MICRONS 50-100:
 40

 MICRONS 100+:
 4

 NAS CLASS:
 9

WEAR METAL ANALYSIS (PPM) ELEMENTAL ANALYSIS (PPM)

< 0.1 2.5 ALUMINUM: CALCIUM: 0.1 IRON: < 0.1 SODIUM: COPPER: 0.1 **CHLORINE:** 22 < 0.1 163 **NICKEL: SULPHUR: CHROMIUM:** 2.4 **POTASSIUM:** 2

SILVER: <0.1
LEAD: <0.1
SILICON: 0.5
MAGNESIUM: <0.1

REMARKS: SAMPLE APPEARS NORMAL.

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910 MARIA STREET KENNER, LOUISIANA 70062 (504) 469-6751

HYDRAULIC FLUID TEST RESULTS

SKYWEST AIRLINES Control Number: 6-2-2Q

attn: CHARLES COX

Tail Number: N925SW

Aircraft Type: CL600

Fluid Type: HYJET IV

Sample Date: 5/27/2010

PALM SPRINGS CA 92262 System Number: RETRACT ACTUATOR

Serial Number: 7682
Air Frame Hours: 20,310.80
Fluid Hours: 0.00

VISCOSITY @ 40 DEG. C (cSt.): 7.36 SPECIFIC GRAVITY: 1.013

TOTAL ACID NUMBER (mgKOH/g): 0.03 WATER KARL FISCHER (PPM wt.): 3,457

PARTICLE SIZE DIST. (MICRONS/100 mL)

 MICRONS 5-15:
 122,728

 MICRONS 15-25:
 3,144

 MICRONS 25-50:
 232

 MICRONS 50-100:
 4

 MICRONS 100+:
 0

 NAS CLASS:
 9

WEAR METAL ANALYSIS (PPM) ELEMENTAL ANALYSIS (PPM)

< 0.1 2.7 ALUMINUM: CALCIUM: 0.1 IRON: < 0.1 SODIUM: COPPER: 0.1 **CHLORINE:** 22 < 0.1 156 **NICKEL: SULPHUR: CHROMIUM:** 2.3 **POTASSIUM:** 2

SILVER: <0.1
LEAD: <0.1
SILICON: 0.4
MAGNESIUM: <0.1

REMARKS: SAMPLE APPEARS NORMAL.

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910 MARIA STREET KENNER, LOUISIANA 70062 (504) 469-6751

HYDRAULIC FLUID TEST RESULTS

SKYWEST AIRLINES

attn: CHARLES COX

Control Number: 6-2-3Q

Tail Number: N925SV

Tail Number: N925SW
Aircraft Type: CL600

Fluid Type: HYJET IV Sample Date: 5/27/2010

PALM SPRINGS CA 92262 System Number: UPLOCK ACTUATOR

Serial Number: 7682
Air Frame Hours: 20,310.80
Fluid Hours: 0.00

VISCOSITY @ 40 DEG. C (cSt.): 7.46 SPECIFIC GRAVITY: 1.014

TOTAL ACID NUMBER (mgKOH/g): 0.03 WATER KARL FISCHER (PPM wt.): 3,649

PARTICLE SIZE DIST. (MICRONS/100 mL)

 MICRONS 5-15:
 530,444

 MICRONS 15-25:
 15,320

 MICRONS 25-50:
 528

 MICRONS 50-100:
 32

 MICRONS 100+:
 4

 NAS CLASS:
 12

WEAR METAL ANALYSIS (PPM) ELEMENTAL ANALYSIS (PPM)

< 0.1 2.8 ALUMINUM: CALCIUM: 0.1 IRON: < 0.1 SODIUM: COPPER: 0.1 **CHLORINE:** 66 < 0.1 153 **NICKEL: SULPHUR: CHROMIUM:** 2.4 **POTASSIUM:** 2

 SILVER:
 <0.1</td>

 LEAD:
 <0.1</td>

 SILICON:
 0.6

 MAGNESIUM:
 <0.1</td>

REMARKS: PARTICLES APPEAR ABNORMAL AT NAS CLASS 12, NAS CLASS 9 OR BETTER IS RECOMMENDED. ALL OTHER TEST RESULTS APPEAR NORMAL.

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