

## OASIS EXAMPLE REPORT

### Oil Analysis Severity Summary

**N = Normal**

**O = Observe**

**M = Moderate**

**MH = Moderate High**

**S = Severe**

Lab Number	Name	Description	Date	Severity
655005	2ZR-FXE ENG FILTER	ROBERT WILSON	02/21/2017	N
655003	2ZR-FXE ENGINE OIL	ROBERT WILSON	02/21/2017	O
655004	P610 TRANSAXLE OIL	ROBERT WILSON	02/21/2017	O

# OASIS EXAMPLE REPORT

## Oil Analysis Severity Report

Lab Number: 655005

Name: 2ZR-FXE ENG FILTER

Date: 02/21/2017

Severity: Normal

**Data Interpretation:**

See attached ferrography report.

Lab Number: 655003

Name: 2ZR-FXE ENGINE OIL

Date: 02/21/2017

Severity: Observe

**Recommended Action:**

Please provide ISO lube grade for the lubricant used in this unit. Continue sampling at frequent intervals to track condition.

**Data Interpretation:**

The copper content has been flagged for observation. Abrasive contamination is suspected based on the silicon content. Certain particle count values are higher than desired and have been flagged for observation.

Lab Number: 655004

Name: P610 TRANSAXLE OIL

Date: 02/21/2017

Severity: Observe

**Recommended Action:**

Please provide ISO lube grade for the lubricant used in this unit. Continue sampling at frequent intervals to track condition. Check for sources of abrasives entry.

**Data Interpretation:**

Abrasive contamination is suspected based on the silicon content. Certain particle count values are higher than desired and have been flagged for observation.

**OASIS EXAMPLE REPORT**  
**Oil Analysis Data Sheet Report**

Severity: **(N) - Normal**

**Sample ID:** 2ZR-FXE ENG FILTER  
**Manufacturer:**

**Description:** ROBERT WILSON  
**Oil Type:**

**Grade:**

Lab Number	Sample Date	Unit/Lube Hours	Units	655005 02/21/17 2000/0
<b>WEAR ELEMENTS</b>				
Iron	Fe	ppm		3
Chromium	Cr	ppm		0
Molybdenum	Mo	ppm		10
Aluminum	Al	ppm		1
Copper	Cu	ppm		4
Lead	Pb	ppm		0
Tin	Sn	ppm		0
Silver	Ag	ppm		0
Nickel	Ni	ppm		0
Vanadium	V	ppm		0
Titanium	Ti	ppm		0
Manganese	Mn	ppm		0
Cadmium	Cd	ppm		0
<b>CONTAMINANT ELEMENTS</b>				
Silicon	Si	ppm		17
Sodium	Na	ppm		0
Boron	B	ppm		0
<b>ADDITIVE ELEMENTS</b>				
Magnesium	Mg	ppm		0
Calcium	Ca	ppm		177
Barium	Ba	ppm		0
Phosphorus	P	ppm		58
Zinc	Zn	ppm		66

**Data Interpretation:**

See attached ferrography report.

# OASIS EXAMPLE REPORT

## Oil Analysis Data Sheet Report

Severity: **(O) - Observe**

Sample ID: 2ZR-FXE ENGINE OIL

Description: ROBERT WILSON

Manufacturer:

Oil Type:

Grade:

Lab Number	Sample Date	Unit/Lube Hours	Units	655003 02/21/17 2000/0
<b>WEAR ELEMENTS</b>				
Iron	Fe	ppm		12
Chromium	Cr	ppm		0
Molybdenum	Mo	ppm		114
Aluminum	Al	ppm		8
Copper	Cu	ppm		<b>37</b>
Lead	Pb	ppm		0
Tin	Sn	ppm		0
Silver	Ag	ppm		0
Nickel	Ni	ppm		0
Vanadium	V	ppm		0
Titanium	Ti	ppm		0
Manganese	Mn	ppm		2
Cadmium	Cd	ppm		0
<b>CONTAMINANT ELEMENTS</b>				
Silicon	Si	ppm		<b>181</b>
Sodium	Na	ppm		2
Boron	B	ppm		1
<b>ADDITIVE ELEMENTS</b>				
Magnesium	Mg	ppm		7
Calcium	Ca	ppm		1979
Barium	Ba	ppm		1
Phosphorus	P	ppm		672
Zinc	Zn	ppm		743
<b>NON-METALLIC CONTENT</b>				
Water		% vol		Nil
Solids		% vol		<0.1
<b>LUBE DATA</b>				
Viscosity @ 40'C		cSt		29.3
Viscosity @ 100'C		cSt		6.9
<b>PARTICLE COUNT</b>				
4		/ml		<b>99999</b>
6		/ml		<b>19172</b>
14		/ml		60
20		/ml		8
30		/ml		4
40		/ml		2
ISO Code 4/6/14 um				<b>24/21/13</b>
<b>ADDITIONAL TESTS</b>				

# OASIS EXAMPLE REPORT

Severity: (O) - Observe

## Oil Analysis Data Sheet Report

Sample ID: 2ZR-FXE ENGINE OIL

Description: ROBERT WILSON

Manufacturer:

Oil Type:

Grade:

Lab Number		655003	
Sample Date	Units	02/21/17	
Unit/Lube Hours		2000/0	
Viscosity Index		209	

### **Recommended Action:**

Please provide ISO lube grade for the lubricant used in this unit. Continue sampling at frequent intervals to track condition.

### **Data Interpretation:**

The copper content has been flagged for observation. Abrasive contamination is suspected based on the silicon content. Certain particle count values are higher than desired and have been flagged for observation.

# OASIS EXAMPLE REPORT

## Oil Analysis Data Sheet Report

Severity: **(O) - Observe**

Sample ID: P610 TRANSAXLE OIL

Description: ROBERT WILSON

Manufacturer:

Oil Type:

Grade:

Lab Number	Sample Date	Unit/Lube Hours	Units	655004 02/21/17 2000/0
<b>WEAR ELEMENTS</b>				
Iron	Fe	ppm		20
Chromium	Cr	ppm		0
Molybdenum	Mo	ppm		0
Aluminum	Al	ppm		1
Copper	Cu	ppm		4
Lead	Pb	ppm		0
Tin	Sn	ppm		0
Silver	Ag	ppm		0
Nickel	Ni	ppm		0
Vanadium	V	ppm		0
Titanium	Ti	ppm		0
Manganese	Mn	ppm		5
Cadmium	Cd	ppm		0
<b>CONTAMINANT ELEMENTS</b>				
Silicon	Si	ppm		<b>67</b>
Sodium	Na	ppm		2
Boron	B	ppm		60
<b>ADDITIVE ELEMENTS</b>				
Magnesium	Mg	ppm		0
Calcium	Ca	ppm		114
Barium	Ba	ppm		4
Phosphorus	P	ppm		274
Zinc	Zn	ppm		4
<b>NON-METALLIC CONTENT</b>				
Water		% vol		Nil
Solids		% vol		<0.1
<b>LUBE DATA</b>				
Viscosity @ 40'C		cSt		24.0
Viscosity @ 100'C		cSt		5.3
<b>PARTICLE COUNT</b>				
4		/ml		<b>99999</b>
6		/ml		<b>6265</b>
14		/ml		49
20		/ml		11
30		/ml		2
40		/ml		1
ISO Code 4/6/14 um				<b>24/20/13</b>
<b>ADDITIONAL TESTS</b>				

# OASIS EXAMPLE REPORT

Severity: (O) - Observe

## Oil Analysis Data Sheet Report

Sample ID: P610 TRANSAXLE OIL

Description: ROBERT WILSON

Manufacturer:

Oil Type:

Grade:

Lab Number	Sample Date	Unit/Lube Hours	Units	
			655004	
			02/21/17	
			2000/0	
Viscosity Index			163	

### Recommended Action:

Please provide ISO lube grade for the lubricant used in this unit. Continue sampling at frequent intervals to track condition. Check for sources of abrasives entry.

### Data Interpretation:

Abrasive contamination is suspected based on the silicon content. Certain particle count values are higher than desired and have been flagged for observation.