

OASIS EXAMPLE REPORT

Oil Analysis Severity Summary

N = Normal

O = Observe

M = Moderate

MH = Moderate High

S = Severe

Lab Number	Name	Description	Date	Severity
681064	P610 TRANSAXLE OIL	ROBERT WILSON	10/23/2017	O

OASIS EXAMPLE REPORT

Oil Analysis Severity Report

Lab Number: 681064

Name: P610 TRANSAXLE OIL

Date: 10/23/2017

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: **(O) - Observe**

Sample ID: P610 TRANSAXLE OIL

Description: ROBERT WILSON

Manufacturer:

Oil Type:

Grade:

Lab Number	Sample Date	Unit/Lube Hours	Units	681064 10/23/17 5400/0	655004 02/21/17 2000/0
WEAR ELEMENTS					
Iron	Fe	ppm	19	20	
Chromium	Cr	ppm	0	0	
Molybdenum	Mo	ppm	0	0	
Aluminum	Al	ppm	3	1	
Copper	Cu	ppm	4	4	
Lead	Pb	ppm	0	0	
Tin	Sn	ppm	0	0	
Silver	Ag	ppm	0	0	
Nickel	Ni	ppm	2	0	
Vanadium	V	ppm	0	0	
Titanium	Ti	ppm	0	0	
Manganese	Mn	ppm	4	5	
Cadmium	Cd	ppm	0	0	
CONTAMINANT ELEMENTS					
Silicon	Si	ppm	59	67	
Sodium	Na	ppm	2	2	
Boron	B	ppm	46	60	
ADDITIVE ELEMENTS					
Magnesium	Mg	ppm	0	0	
Calcium	Ca	ppm	116	114	
Barium	Ba	ppm	3	4	
Phosphorus	P	ppm	268	274	
Zinc	Zn	ppm	6	4	
NON-METALLIC CONTENT					
Water		% vol	Nil	Nil	
Solids		% vol	<0.1	<0.1	
LUBE DATA					
Viscosity @ 40'C		cSt	23.2	24.0	
Viscosity @ 100'C		cSt	5.2	5.3	
PARTICLE COUNT					
4		/ml	61518	99999	
6		/ml	2109	6265	
14		/ml	10	49	
20		/ml	5	11	
30		/ml	3	2	
40		/ml	2	1	
ISO Code 4/6/14 um			23/18/10	24/20/13	
ADDITIONAL TESTS					

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	Units	681064	655004	
Sample Date		10/23/17	02/21/17	
Unit/Lube Hours		5400/0	2000/0	
Viscosity Index		164	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.