

Report Issue Date: June 14, 2013

Report Printed Date: June 14, 2013

OASIS EXAMPLE REPORT

Oil Analysis Severity Summary

N = Normal

O = Observation

M = Moderate

MH = Moderately High

S = Severe

<u>Lab Number</u>	<u>Name</u>	<u>Description</u>	<u>Date</u>	<u>Severity</u>
499520	2004 PRIUS	JEFFREY DENENBERG	06/05/2013	O

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OASIS EXAMPLE REPORT

Oil Analysis Severity Report

Lab Number: 499520

Name: 2004 PRIUS

Date: 06/05/2013

Severity: **Observe**

Recommended Action:

Continue sampling at frequent intervals to track condition. Check for sources of abrasives entry.

Data Interpretation:

The iron and aluminum content have been flagged for observation. Abrasive contamination is suspected based on the silicon content.

OASIS EXAMPLE REPORT

Oil Analysis Data Sheet Report

Severity: (O) - Observation

Sample ID: 2004 PRIUS

Description: JEFFREY DENENBERG

Manufacturer:

Oil Type: Toyota Type WS ATF

Grade:

Lab Number Sample Date Unit/Lube Hours		Units	499520 06/05/13 239400/59400	383846 08/31/10 180000/60000	304123 06/12/08 120500/59500	249397 07/17/06 61000/61000	249396 07/17/06 0/0	
WEAR ELEMENTS								
Iron	Fe	ppm	51	66	97	206	1	Initial metal wear decreases as the gears "lap in"!
Chromium	Cr	ppm	1	1	1	3	0	
Molybdenum	Mo	ppm	0	0	0	0	1	
Aluminum	Al	ppm	20	36	53	56	1	
Copper	Cu	ppm	13	15	20	21	0	
Lead	Pb	ppm	0	0	1	1	0	
Tin	Sn	ppm	1	1	1	3	0	
Silver	Ag	ppm	0	0	0	0	0	
Nickel	Ni	ppm	1	1	3	7	0	
Vanadium	V	ppm	0	0	0	0	0	
Titanium	Ti	ppm	0	0	0	0	0	
Manganese	Mn	ppm	1	1	2	5	0	
Cadmium	Cd	ppm	0	0	0	0	0	
CONTAMINANT ELEMENTS								
Silicon	Si	ppm	25	35	64	153	3	Silicon seems to be leaching from factory sealants.
Sodium	Na	ppm	2	2	0	0	0	
Boron	B	ppm	52	50	59	37	59	
ADDITIVE ELEMENTS								
Magnesium	Mg	ppm	0	1	0	0	0	
Calcium	Ca	ppm	103	120	106	115	109	
Barium	Ba	ppm	0	1	3	20	0	
Phosphorus	P	ppm	265	271	264	227	245	
Zinc	Zn	ppm	5	7	6	8	0	
NON-METALLIC CONTENT								
Water	% vol		Nil	Nil	Nil	Nil	Nil	
Solids	% vol		<0.1	<0.1	<0.1	<0.1	<0.1	
LUBE DATA								
Viscosity @ 40'C	cSt		21.6	22.2	22.3	21.3	24.6	The Viscosity index shows a need to refresh by 60k miles
Viscosity @ 100'C	cSt		4.8	4.7	4.9	4.7	5.5	
PARTICLE COUNT								
4	/ml					99999		
6	/ml					5466		
14	/ml					25		
20	/ml					9		
30	/ml					2		
40	/ml					0		
ISO Code 4 um						24		
ISO Code 6 um						20		
ISO Code 14 um						12		
ADDITIONAL TESTS								
Lube Hours	hrs		59400	60000	59500	61000		
Unit Hours	hrs		239400	180000	120500	61000		

OASIS EXAMPLE REPORT

Oil Analysis Data Sheet Report

Severity: (O) - Observation

Sample ID: 2004 PRIUS

Description: JEFFREY DENENBERG

Manufacturer:

Oil Type:

Grade:

Lab Number	Units	499520	383846	304123	249397	249396	
Sample Date		06/05/13	08/31/10	06/12/08	07/17/06	07/17/06	
Unit/Lube Hours		239400/59400	30000/60000	20500/59500	51000/61000	0/0	
Viscosity Index		150	133	150	144	171	

Recommended Action:

Continue sampling at frequent intervals to track condition. Check for sources of abrasives entry.

Data Interpretation:

The iron and aluminum content have been flagged for observation. Abrasive contamination is suspected based on the silicon content.