

PdMA Corporation
Oil Analysis Severity
Summary
OASIS EXAMPLE REPORT

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>
249397	2004 PRIUS USED	TOYOTA ATF TYPE WS	07/12/2006	M
249396	2004 PRIUS VIRGIN	TOYOTA ATF TYPE WS	07/12/2006	N

PdMA Corporation
Oil Analysis Severity
Report
OASIS EXAMPLE REPORT

N = Normal O = Observation M = Moderate MH = Moderately High S = Severe

Lab Number: 249397**Name:** 2004 PRIUS USED**Date:** 07/12/2006**Severity:** M

Recommended Action:

Consider inspecting this unit for abnormal wear modes. Check for sources of abrasives entry.

Data Interpretation:

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

Lab Number: 249396**Name:** 2004 PRIUS VIRGIN**Date:** 07/12/2006**Severity:** N

Sample Comments:

New Lube Reference Sample.

**PdMA Corporation
Oil Analysis Data
sheets**

July 18, 2006

PdMA Corporation - Oil Analysis Data Sheet Report

OASIS EXAMPLE REPORT

Sample ID: 2004 PRIUS USED

Description: TOYOTA ATF TYPE WS

Manufacturer:

Oil Type:

Grade:

Lab Number	Units	249397	
Sample Date		07/12/06	
WEAR METALS			
Iron Fe	ppm	206	
Chromium Cr	ppm	3	
Molybdenum Mo	ppm	0	
Aluminum Al	ppm	56	
Copper Cu	ppm	21	
Lead Pb	ppm	1	
Tin Sn	ppm	3	
Silver Ag	ppm	0	
Nickel Ni	ppm	7	
Vanadium V	ppm	0	
Titanium Ti	ppm	0	
Manganese Mn	ppm	5	
Cadmium Cd	ppm	0	
CONTAMINANT METALS			
Silicon Si	ppm	153	
Sodium Na	ppm	0	
Boron B	ppm	37	
ADDITIVE METALS			
Magnesium Mg	ppm	0	
Calcium Ca	ppm	115	
Barium Ba	ppm	20	
Phosphorus P	ppm	227	
Zinc Zn	ppm	8	
NON-METALLIC CONT.			
Water	% vol	Nil	
Solids	% vol	<0.1	
LUBE DATA			
Viscosity @ 40'C	cSt	21.3	
Viscosity @ 100'C	cSt	4.7	
ADDITIONAL TESTS			
Lube Hours	hrs	61000	
Unit Hours	hrs	61000	
Viscosity Index		144	

Severity: (M) - Moderate

Recommended Action:

Consider inspecting this unit for abnormal wear modes. Check for sources of abrasives entry.

Data Interpretation:

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

PdMA Corporation - Oil Analysis Data Sheet Report

OASIS EXAMPLE REPORT

Sample ID: 2004 PRIUS VIRGIN

Description: TOYOTA ATF TYPE WS

Manufacturer:

Oil Type:

Grade:

Lab Number	Units	249396	
Sample Date		07/12/06	
WEAR METALS			
Iron Fe	ppm	1	
Chromium Cr	ppm	0	
Molybdenum Mo	ppm	1	
Aluminum Al	ppm	1	
Copper Cu	ppm	0	
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	
CONTAMINANT METALS			
Silicon Si	ppm	3	
Sodium Na	ppm	0	
Boron B	ppm	59	
ADDITIVE METALS			
Magnesium Mg	ppm	0	
Calcium Ca	ppm	109	
Barium Ba	ppm	0	
Phosphorus P	ppm	245	
Zinc Zn	ppm	0	
NON-METALLIC CONT.			
Water	% vol	Nil	
Solids	% vol	<0.1	
LUBE DATA			
Viscosity @ 40'C	cSt	24.6	
Viscosity @ 100'C	cSt	5.5	
ADDITIONAL TESTS			
Viscosity Index		171	

Severity: (N) - Normal

Sample Comments:

New Lube Reference Sample.