

**PdMA Corporation**  
**Oil Analysis Severity**  
**Summary**  
OASIS

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

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<u>Lab Number</u>	<u>Name</u>	<u>Description</u>	<u>Date</u>	<u>Severity</u>
278761	TOYOTA WS ATF PRIUS	PATRICK WONG	07/28/2007	M

**PdMA Corporation**  
**Oil Analysis Severity**  
**Report**  
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**Lab Number:** 278761**Name:** TOYOTA WS ATF PRIUS**Date:** 07/28/2007**Severity:** M

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**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  
sheets**

August 06, 2007

# PdMA Corporation - Oil Analysis Data Sheet Report

OASIS

**Sample ID:** TOYOTA WS ATF PRIUS

**Description:** PATRICK WONG

**Manufacturer:**

**Oil Type:**

**Grade:**

Lab Number	Units	278761	
Sample Date		07/28/07	
<b>WEAR METALS</b>			
Iron Fe	ppm	205	
Chromium Cr	ppm	4	
Molybdenum Mo	ppm	0	
Aluminum Al	ppm	79	
Copper Cu	ppm	36	
Lead Pb	ppm	1	
Tin Sn	ppm	3	
Silver Ag	ppm	0	
Nickel Ni	ppm	13	
Vanadium V	ppm	0	
Titanium Ti	ppm	0	
Manganese Mn	ppm	5	
Cadmium Cd	ppm	0	
<b>CONTAMINANT METALS</b>			
Silicon Si	ppm	198	
Sodium Na	ppm	4	
Boron B	ppm	46	
<b>ADDITIVE METALS</b>			
Magnesium Mg	ppm	2	
Calcium Ca	ppm	126	
Barium Ba	ppm	33	
Phosphorus P	ppm	277	
Zinc Zn	ppm	27	
<b>NON-METALLIC CONT.</b>			
Water	% vol	Nil	
Solids	% vol	<0.1	
<b>LUBE DATA</b>			
Viscosity @ 40'C	cSt	21.7	
Viscosity @ 100'C	cSt	4.7	
<b>ADDITIONAL TESTS</b>			
Viscosity Index		139	

**Severity:** (M) - Moderate

**Recommended Action:**

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**Data Interpretation:**

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