

PdMA Corporation
Oil Analysis Severity
Summary
OASIS

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>
278761	TOYOTA WS ATF PRIUS	PATRICK WONG	07/28/2007	M

PdMA Corporation
Oil Analysis Severity
Report
OASIS

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

Lab Number: 278761 **Name:** TOYOTA WS ATF PRIUS **Date:** 07/28/2007 **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.

**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	Sample Date	Units	278761	
WEAR METALS				
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	
CONTAMINANT METALS				
Silicon	Si	ppm	198	
Sodium	Na	ppm	4	
Boron	B	ppm	46	
ADDITIVE METALS				
Magnesium	Mg	ppm	2	
Calcium	Ca	ppm	126	
Barium	Ba	ppm	33	
Phosphorus	P	ppm	277	
Zinc	Zn	ppm	27	
NON-METALLIC CONT.				
Water		% vol	Nil	
Solids		% vol	<0.1	
LUBE DATA				
Viscosity @ 40'C		cSt	21.7	
Viscosity @ 100'C		cSt	4.7	
ADDITIONAL TESTS				
Viscosity Index			139	

Severity: (M) - Moderate

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