

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>
283540	USED TOYOTA WS ATF	JASON SMITH	09/25/2007	O
283539	NEW TOYOTA WS ATF	JASON SMITH	09/25/2007	N

Report Issue Date: September 27, 2007

Report Printed Date: September 27, 2007

PdMA Corporation
Oil Analysis Severity
Report
OASIS EXAMPLE REPORT

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

Lab Number: 283540

Name: USED TOYOTA WS ATF

Date: 09/25/2007

Severity: O

Recommended Action:

Continue sampling at frequent intervals to track condition.

Data Interpretation:

The iron and aluminum content have been flagged for observation.

Lab Number: 283539

Name: NEW TOYOTA WS ATF

Date: 09/25/2007

Severity: N

Sample Comments:

New Lube Reference Sample.

**PdMA Corporation
Oil Analysis Data
Sheet**

September 27, 2007

PdMA Corporation - Oil Analysis Data Sheet Report

OASIS EXAMPLE REPORT

Sample ID: NEW TOYOTA WS ATF

Description: JASON SMITH

Manufacturer:

Oil Type:

Grade:

Lab Number		Units	283539	
Sample Date			09/25/07	
WEAR METALS				
Iron	Fe	ppm	0	
Chromium	Cr	ppm	0	
Molybdenum	Mo	ppm	0	
Aluminum	Al	ppm	0	
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	7	
Sodium	Na	ppm	0	
Boron	B	ppm	188	
ADDITIVE METALS				
Magnesium	Mg	ppm	0	
Calcium	Ca	ppm	124	
Barium	Ba	ppm	0	
Phosphorus	P	ppm	281	
Zinc	Zn	ppm	1	
NON-METALLIC CONT.				
Water	% vol		Nil	
Solids	% vol		<0.1	
LUBE DATA				
Viscosity @ 40'C	cSt		25.0	
Viscosity @ 100'C	cSt		5.4	
ADDITIONAL TESTS				
Viscosity Index			159	

Severity: (N) - Normal

Sample Comments:

New Lube Reference Sample.

PdMA Corporation - Oil Analysis Data Sheet Report

OASIS EXAMPLE REPORT

Sample ID: USED TOYOTA WS ATF

Description: JASON SMITH

Manufacturer:

Oil Type:

Grade:

Lab Number		Units	283540	
Sample Date			09/25/07	
WEAR METALS				
Iron	Fe	ppm	64	
Chromium	Cr	ppm	2	
Molybdenum	Mo	ppm	0	
Aluminum	Al	ppm	30	
Copper	Cu	ppm	11	
Lead	Pb	ppm	1	
Tin	Sn	ppm	2	
Silver	Ag	ppm	0	
Nickel	Ni	ppm	2	
Vanadium	V	ppm	0	
Titanium	Ti	ppm	0	
Manganese	Mn	ppm	3	
Cadmium	Cd	ppm	0	
CONTAMINANT METALS				
Silicon	Si	ppm	147	
Sodium	Na	ppm	5	
Boron	B	ppm	131	
ADDITIVE METALS				
Magnesium	Mg	ppm	1	
Calcium	Ca	ppm	132	
Barium	Ba	ppm	23	
Phosphorus	P	ppm	267	
Zinc	Zn	ppm	8	
NON-METALLIC CONT.				
Water		% vol	Nil	
Solids		% vol	<0.1	
LUBE DATA				
Viscosity @ 40'C		cSt	23.6	
Viscosity @ 100'C		cSt	5.2	
ADDITIONAL TESTS				
Viscosity Index			160	

Severity: (O) - Observation

Recommended Action:

Continue sampling at frequent intervals to track condition.

Data Interpretation:

The iron and aluminum content have been flagged for observation.