

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

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

**PdMA Corporation**  
**Oil Analysis Severity**  
**Report**  
**OASIS EXAMPLE REPORT**

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

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**Lab Number:** 283540      **Name:** USED TOYOTA WS ATF      **Date:** 09/25/2007      **Severity:** O

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**Recommended Action:**

Continue sampling at frequent intervals to track condition.

**Data Interpretation:**

The iron and aluminum content have been flagged for observation.

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**Lab Number:** 283539      **Name:** NEW TOYOTA WS ATF      **Date:** 09/25/2007      **Severity:** N

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**Sample Comments:**

New Lube Reference Sample.

**PdMA Corporation  
Oil Analysis Data  
Sheets**

September 27, 2007

# PdMA Corporation - Oil Analysis Data Sheet Report

## OASIS EXAMPLE REPORT

**Sample ID:** NEW TOYOTA WS ATF  
**Manufacturer:**

**Description:** JASON SMITH  
**Oil Type:**

**Grade:**

Lab Number	Sample Date	Units	283539	
			09/25/07	
<b>WEAR METALS</b>				
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	
<b>CONTAMINANT METALS</b>				
Silicon	Si	ppm	7	
Sodium	Na	ppm	0	
Boron	B	ppm	188	
<b>ADDITIVE METALS</b>				
Magnesium	Mg	ppm	0	
Calcium	Ca	ppm	124	
Barium	Ba	ppm	0	
Phosphorus	P	ppm	281	
Zinc	Zn	ppm	1	
<b>NON-METALLIC CONT.</b>				
Water		% vol	Nil	
Solids		% vol	<0.1	
<b>LUBE DATA</b>				
Viscosity @ 40'C		cSt	25.0	
Viscosity @ 100'C		cSt	5.4	
<b>ADDITIONAL TESTS</b>				
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  
**Manufacturer:**

**Description:** JASON SMITH  
**Oil Type:**

**Grade:**

Lab Number	Sample Date	Units	283540	
			09/25/07	
<b>WEAR METALS</b>				
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	
<b>CONTAMINANT METALS</b>				
Silicon	Si	ppm	147	
Sodium	Na	ppm	5	
Boron	B	ppm	131	
<b>ADDITIVE METALS</b>				
Magnesium	Mg	ppm	1	
Calcium	Ca	ppm	132	
Barium	Ba	ppm	23	
Phosphorus	P	ppm	267	
Zinc	Zn	ppm	8	
<b>NON-METALLIC CONT.</b>				
Water		% vol	Nil	
Solids		% vol	<0.1	
<b>LUBE DATA</b>				
Viscosity @ 40'C		cSt	23.6	
Viscosity @ 100'C		cSt	5.2	
<b>ADDITIONAL TESTS</b>				
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.