

R&G Laboratories, Inc. 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>
426946	ZVW30 TYPE WS 5K	ROBERT WILSON	10/20/2011	O

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Lab Number: 426946

Name: ZVW30 TYPE WS 5K

Date: 10/20/2011

Severity: O

Recommended Action:

Continue sampling at frequent intervals to track condition.

Data Interpretation:

The iron content has been flagged for observation. Certain particle count values are higher than desired and have been flagged for observation.

R&G Laboratories, Inc.
Oil Analysis Data Sheets

R&G Laboratories, Inc. - Oil Analysis Data Sheet Report

OASIS EXAMPLE REPORT

Sample ID: ZVW30 TYPE WS 5K		Description: ROBERT WILSON			
Manufacturer:		Oil Type:			Grade:
Lab Number	Units	426946	350120	349375	
Sample Date		10/20/11	10/08/09	09/30/09	
WEAR ELEMENTS					
Iron	Fe	ppm	40	1	21
Chromium	Cr	ppm	1	0	1
Molybdenum	Mo	ppm	0	1	1
Aluminum	Al	ppm	11	0	19
Copper	Cu	ppm	11	0	16
Lead	Pb	ppm	0	0	0
Tin	Sn	ppm	0	0	1
Silver	Ag	ppm	0	0	0
Nickel	Ni	ppm	2	0	2
Vanadium	V	ppm	0	0	0
Titanium	Ti	ppm	0	0	0
Manganese	Mn	ppm	2	0	5
Cadmium	Cd	ppm	0	0	0
CONTAMINANT ELEMENTS					
Silicon	Si	ppm	36	50	103
Sodium	Na	ppm	0	0	2
Boron	B	ppm	70	69	47
ADDITIVE ELEMENTS					
Magnesium	Mg	ppm	1	0	0
Calcium	Ca	ppm	86	105	120
Barium	Ba	ppm	2	0	3
Phosphorus	P	ppm	233	258	247
Zinc	Zn	ppm	13	2	10
NON-METALLIC CONTENT					
Water		% vol	Nil	Nil	Nil
Solids		% vol	<0.1	<0.1	<0.1
LUBE DATA					
Viscosity @ 40'C		cSt	23.7	24.3	23.3
Viscosity @ 100'C		cSt	5.2	5.4	5.3
Total Acid Number		mg KOH/g	1.22	1.41	1.49
PARTICLE COUNT					
4		/ml	9999	65779	9999
6		/ml	3788	16108	9959
14		/ml	194	934	18
20		/ml	59	237	4
30		/ml	14	29	2
40		/ml	6	8	0
ADDITIONAL TESTS					
ISO Code 4 um			24	23	24
ISO Code 6 um			19	21	20
ISO Code 14 um			15	17	11
Viscosity Index			158	166	171

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Oil Type:

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