

# **OIL ANALYSIS REPORT**

Sample Rating Trend

ISO

Machine Id

# **HONDA POWER 4**

Component **Transmission** 

SHELL SPIRAX S6 AXRME 75W90 (--- GAL)

### **DIAGNOSIS**

### Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is a high amount of particulates present in the fluid.

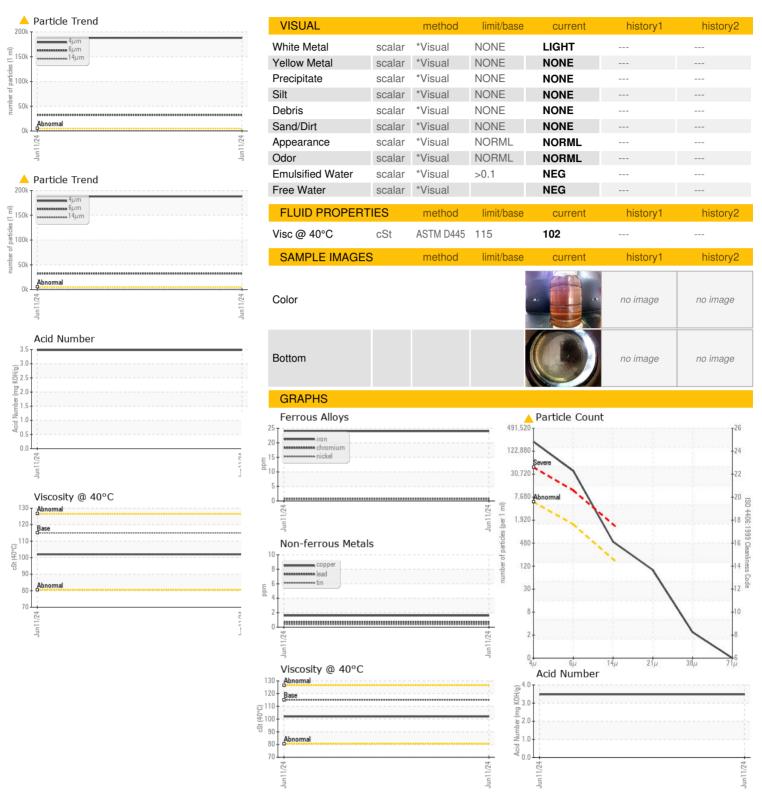
### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

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)		,		Jun 2024	,	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0955902		
Sample Date		Client Info		11 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	24		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>50	2		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>200	2		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		154		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		8		
Phosphorus	ppm	ASTM D5185m		994		
Zinc	ppm	ASTM D5185m		24		
Sulfur	ppm	ASTM D5185m		24324		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	6		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.1	NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<b>187846</b>		
Particles >6µm		ASTM D7647	>1300	<b>32416</b>		
Particles >14µm		ASTM D7647	>160	<b>460</b>		
Particles >21µm		ASTM D7647	>40	<u>^</u> 84		
Particles >38µm		ASTM D7647	>10	2		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>\$\text{\scale}\$ 25/22/16</u>		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		3.48		



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

Lab Number : 06211589

: WC0955902 Unique Number : 11084453 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jun 2024

**Tested** : 19 Jun 2024 Diagnosed : 19 Jun 2024 - Doug Bogart

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

**ALAMANCE OIL COMPANY** 

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