

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Machine Id

HONDA POWER 3

Component **Transmission**

SHELL SPIRAX S6 AXRME 75W90 (55 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.

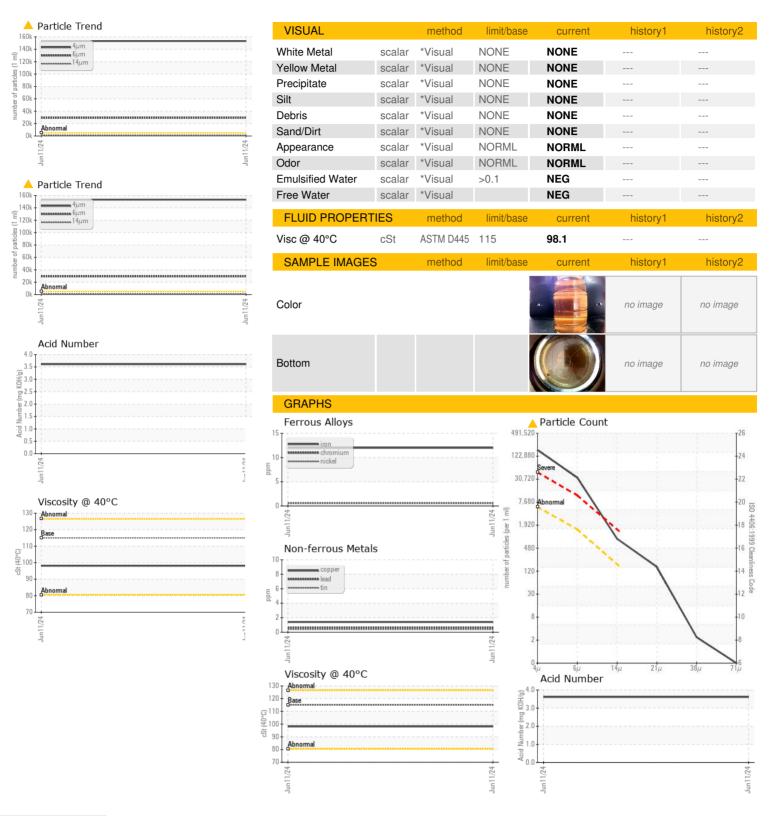
Fluid Condition

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		WC0955893		
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	12		
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	1		
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		168		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		1015		
Zinc	ppm	ASTM D5185m		20		
Sulfur	ppm	ASTM D5185m		24810		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	8		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.1	NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	153229		
Particles >6µm		ASTM D7647	>1300	<u>^</u> 29214		
Particles >14µm		ASTM D7647	>160	^ 742		
Particles >21µm		ASTM D7647	>40	136		
Particles >38µm		ASTM D7647	>10	2		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>4</u> 24/22/17		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		3.61		



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Certificate 12367

Laboratory Sample No.

Lab Number : 06211590 Unique Number : 11084454

: WC0955893 Test Package : PLANT

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jun 2024 **Tested** : 19 Jun 2024

Diagnosed : 19 Jun 2024 - Doug Bogart

US 27217 Contact: Steve Scott steve.scott@berico.com T: (336)226-9371

BURLINGTON, NC

ALAMANCE OIL COMPANY 1525 W. WEBB AVENUE

* - 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)

F: (336)222-9997 Contact/Location: Steve Scott - ALABUR