

## **OIL ANALYSIS REPORT**

Sample Rating Trend



### Machine Id VAC 1178645-4 SOUTH (S/N 5589594) Pump Fluid

**USPI VAC 100 (--- GAL)** 

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

### Fluid Condition

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

SAMPLE INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM36817	USPM27382	USPM23647
Sample Date		Client Info		23 Apr 2024	13 Jul 2023	17 Nov 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	2	2	0
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	0	<1	0
Lead	ppm	ASTM D5185m	>12	0	0	0
Copper	ppm	ASTM D5185m	>30	0	1	0
Tin	ppm	ASTM D5185m	>9	0	0	<1
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	<1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	0	<1	2	0
Calcium	ppm	ASTM D5185m	0	<1	0	0
Phosphorus	ppm	ASTM D5185m	1800	1008	488	836
Zinc	ppm	ASTM D5185m	0	0	0	0
Sulfur	ppm	ASTM D5185m	0	14	283	15
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	2	11	8
Sodium	ppm	ASTM D5185m		0	2	0
Potassium	ppm	ASTM D5185m	>20	0	1	0
Water	%	ASTM D6304	>.1	0.050	<b>0.145</b>	0.024
ppm Water	ppm	ASTM D6304	>1000	501	🔺 1450	244.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1054		2039
Particles >6µm		ASTM D7647	>1300	255		489
Particles >14µm		ASTM D7647	>160	33		44
Particles >21µm		ASTM D7647	>40	10		14
Particles >38µm		ASTM D7647	>10	1		1
Particles >71µm		ASTM D7647	>3	1		0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/12		18/16/13
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.05	0.30	0.30	0.22
3:19:07) Rev: 1					Contact/Locatio	n: ? ? - JBSBEA

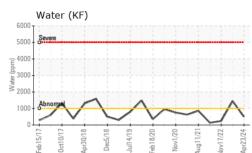
Report Id: JBSBEA [WUSCAR] 06159129 (Generated: 04/26/2024 08:19:07) Rev: 1

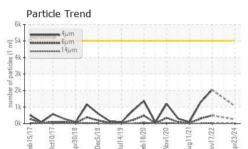
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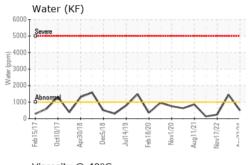


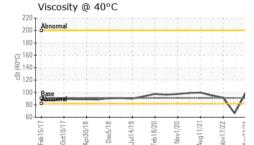
# **OIL ANALYSIS REPORT**

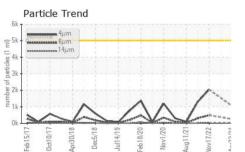
White Metal

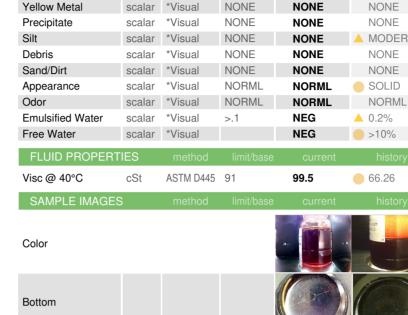












\*Visual

scalar

NONE

NONE

NONE

NONE

NONE

NONE

NONE

VLITE

NONE

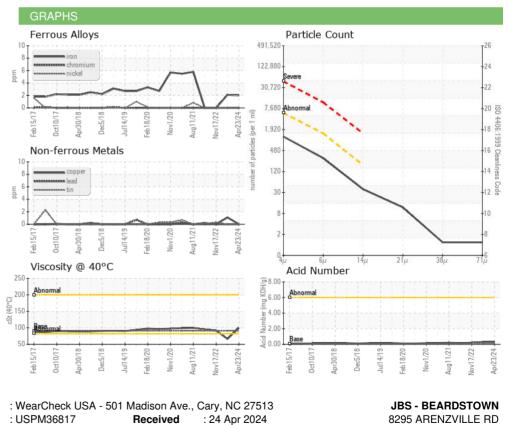
NORML

NORML

NEG

NEG

91.6



: 25 Apr 2024

: 26 Apr 2024 - Jonathan Hester

8295 ARENZVILLE RD BEARDSTOWN, IL



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

:06159129

\* - 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)

Tested

Diagnosed

Report Id: JBSBEA [WUSCAR] 06159129 (Generated: 04/26/2024 08:19:07) Rev: 1

Certificate 12367

Laboratory

Sample No.

Lab Number

Unique Number : 10994552

Test Package : IND 2

Contact/Location: ? ? - JBSBEA

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T:

F: