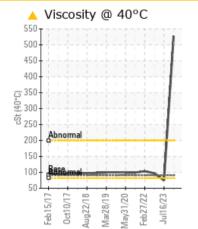


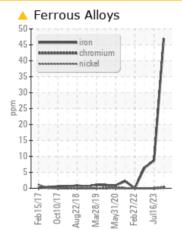
PROBLEM SUMMARY

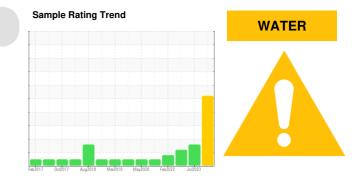
VAC 1181700-6 P3 TOP (S/N 5587016) Component

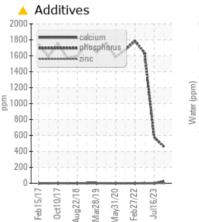
Pump Fluid USPI VAC 100 (--- GAL)

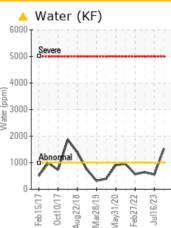
COMPONENT CONDITION SUMMARY











ABNORMAL

6

RECOMMENDATION

We advise an early resample to confirm this situation. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC TEST RESULTS Sample Status ABNORMAL ABNORMAL Iron ppm ASTM D5185m >90 9 С F

Calcium	ppm	ASTM D5185m	0	<u> </u>	0	<1
Phosphorus	ppm	ASTM D5185m	1800	🔺 459	<u> </u>	1637
Sulfur	ppm	ASTM D5185m	0	🔺 11129	102	21
Water	%	ASTM D6304	>.1	A 0.152	0.055	0.064
ppm Water	ppm	ASTM D6304	>1000	🔺 1529.3	553.0	644.0
Silt	scalar	*Visual	NONE	🔺 HEAVY	🔺 MODER	NONE
Debris	scalar	*Visual	NONE	🔺 MODER	LIGHT	NONE
Visc @ 40°C	cSt	ASTM D445	91	6 527.8	A 74.71	97.1

Customer Id: JBSBEA Sample No.: USPM31307 Lab Number: 06010901 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED A	COMMENDED ACTIONS				
Action	Status	Date	Done By	Description	
Resample			?	We advise an early resample to confirm this situation.	
Alert			?	We were unable to perform a particle count due to a high concentration of particles present in this sample.	

HISTORICAL DIAGNOSIS



16 Jul 2023 Diag: Doug Bogart

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. There is a moderate amount of visible silt present in the sample. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand or type of oil. Confirmed. The AN level is acceptable for this fluid.



view report

17 Nov 2022 Diag: Doug Bogart



Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

27 Feb 2022 Diag: Doug Bogart



Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Iron

Lead

Tin

Zinc

Machine Io VAC 1181700-6 P3 TOP (S/N 5587016) Component

Pump Fluid

USPI VAC 100 (--- GAL)

DIAGNOSIS

Recommendation

We advise an early resample to confirm this situation. We were unable to perform a particle count due to a high concentration of particles present in this sample.

A Wear

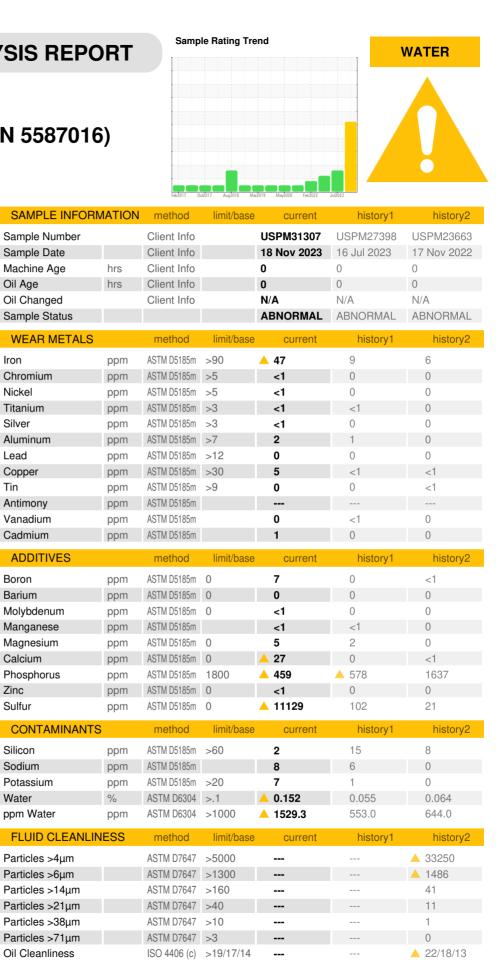
An increase in the iron level is noted.

Contamination

There is a high amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil.

Fluid Condition

The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand or type of oil. Confirmed. The AN level is acceptable for this fluid.



Acid Number (AN)

FLUID DEGRADATION

mg KOH/g ASTM D8045 0.05

method

limit/base

history1 0 19 0.15

current

0.77

Contact/Location: ? ? - JBSBEA

history2



Water (

2000

100

7.00 6.00 (B/H0 5.00

Ē 4.00

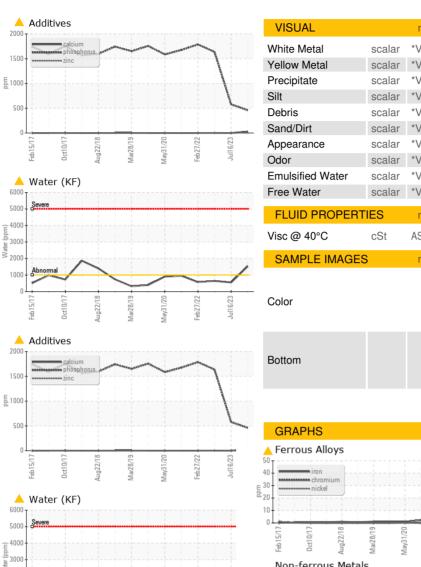
Acid Number 700 Total Number

1.00

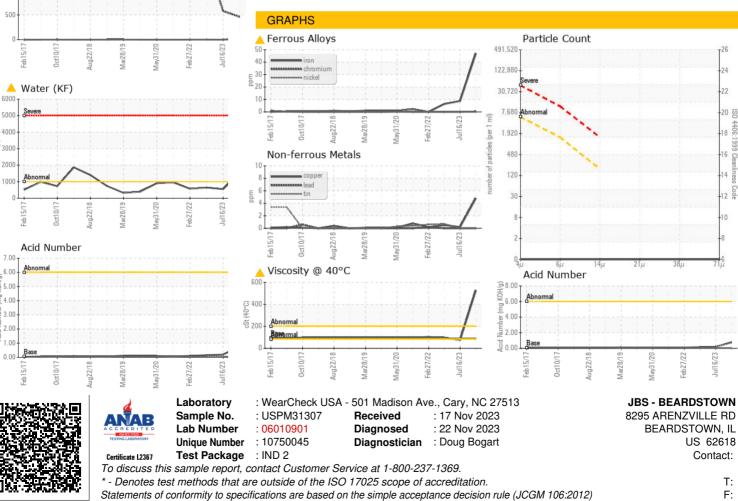
l del

Feb15/1

OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	🔺 HEAVY	🔺 MODER	NONE
Debris	scalar	*Visual	NONE		LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	91	6 527.8	▲ 74.71	97.1
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						
Bottom						



Contact/Location: ? ? - JBSBEA

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