

No relevant graphs to display

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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 metal particles present in this sample.

PROBLEMATIC TEST RESULTS						
Sample Status				ABNORMAL	ABNORMAL	ATTENTION
White Metal	scalar	*Visual	NONE	🔺 MODER	A MODER	NONE

Customer Id: TYSAMAPRO Sample No.: USPM29748 Lab Number: 05961790 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 <u>dougb@wearcheckusa.com</u>

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

RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Alert			?	We were unable to perform a particle count due to metal particles present in this sample.

HISTORICAL DIAGNOSIS



25 Jun 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.Moderate concentration of visible metal present. All component wear rates are normal. Light concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

14 Dec 2022 Diag: Jonathan Hester



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.

15 Sep 2022 Diag: Doug Bogart



Resample at the next service interval to monitor.All component wear rates are normal. There is a high 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

BUSCH M-VAC-PMP (S/N 5585111)

Vacuum Pump Fluid USPI VAC 100 (--- GAL)

DIAGNOSIS

Recommendation

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 metal particles present in this sample.

🔺 Wear

Moderate concentration of visible metal present. All component wear rates are normal.

Contamination

No other contaminants were detected in the oil.

Fluid Condition

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

		Sep 202	Z Dec2022	Jun2023 S	ep2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM29748	USPM27134	USPM24468
Sample Date		Client Info		23 Sep 2023	25 Jun 2023	14 Dec 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				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	1	<1	0
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	3	2	<1
Lead	ppm	ASTM D5185m	>20	0	2	0
Copper	ppm	ASTM D5185m	>20	<1	<1	0
Tin	ppm	ASTM D5185m	>20	<1	1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	0	1	0	<1
Calcium	ppm	ASTM D5185m	0	<1	0	0
Phosphorus	ppm	ASTM D5185m	1800	487	506	124
Zinc	ppm	ASTM D5185m		0	0	7
Sulfur	ppm	ASTM D5185m		564	55	0
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	4	<1
Sodium	ppm	ASTM D5185m		<1	<1	0
Potassium	ppm	ASTM D5185m	>20	2	2	0
Water	%	ASTM D6304		0.023	0.057	0.028
ppm Water	ppm	ASTM D6304	>1000	235.1	573.7	287.1
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000			▲ 8649
Particles >6µm		ASTM D7647	>1300			1 341
Particles >14μm		ASTM D7647	>160			16
Particles >21µm		ASTM D7647	>40			5
Particles >38μm		ASTM D7647	>10			1
Particles >71µm		ASTM D7647				0
Oil Cleanliness		ISO 4406 (c)	>19/17/14			▲ 20/18/11
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g		0.05	0.13	0.208	0.12
					0.200	J.12

Sample Rating Trend

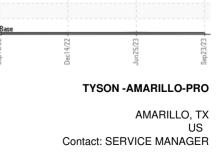
VISUAL METAL

Contact/Location: SERVICE MANAGER ? - TYSAMAPRO



OIL ANALYSIS REPORT





history1

MODER

NONE

NONE

NONE

NONE

NORML

NORML

history

history1

NEG

NEG

95.3

🔺 LIGHT

history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

history

history2

NEG

NEG

94.2

 Contact/Location:
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

 Report Id: TYSAMAPRO [WUSCAR] 05961790 (Generated: 10/04/2023 19:55:08) Rev: 1
 Contact/Location: SERVICE

Certificate L2367

Laboratory

Sample No.

Lab Number

Unique Number

Test Package

: USPM29748

: 05961790

: 10668341

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

: IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Diagnostician

: 26 Sep 2023

: 27 Sep 2023

: Doug Bogart

Received

Diagnosed

Contact/Location: SERVICE MANAGER ? - TYSAMAPRO

T:

F: