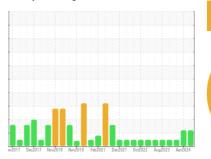


OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id

BUSCH VM3 / VP-3

Component Pump

USPI VAC 100 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

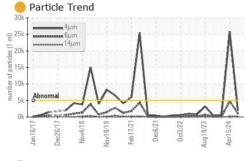
Fluid Condition

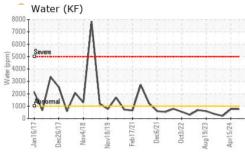
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

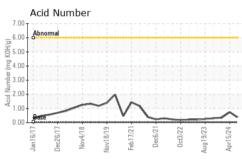
m2011 Dec2017 Nov2016 Nov2016 Feb-2021 Dec2021 Dec2022 Aug2022 Apr2022 Apr2024						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM37619	USP0006318	USPM30299
Sample Date		Client Info		09 Jun 2024	15 Apr 2024	28 Feb 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	0	6	0
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	0	0	0
Lead	ppm	ASTM D5185m	>12	0	0	0
Copper	ppm	ASTM D5185m	>30	0	0	0
Tin	ppm	ASTM D5185m	>9	0	1	<1
Vanadium	ppm	ASTM D5185m		<1	0	<1
Cadmium	ppm	ASTM D5185m		0	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		0	0	0
Magnesium	ppm	ASTM D5185m	0	0	0	0
Calcium	ppm	ASTM D5185m	0	0	0	6
Phosphorus	ppm	ASTM D5185m	1800	1045	878	1060
Zinc	ppm	ASTM D5185m	0	0	0	5
Sulfur	ppm	ASTM D5185m	0	1	8	14
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	2	1	7
Sodium	ppm	ASTM D5185m		0	1	2
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water	%	ASTM D6304	>.1	0.076	0.075	0.021
ppm Water	ppm	ASTM D6304	>1000	762	757	218
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1986	<u>\$\times\$ 25856</u>	628
·		ASTM D7647	>1300	1035	△ 4772	143
Particles >6µm						
Particles >6μm Particles >14μm		ASTM D7647	>160	181	108	10
Particles >14μm			>160			3
Particles >14µm Particles >21µm		ASTM D7647 ASTM D7647 ASTM D7647	>40	60	8	
Particles >14μm Particles >21μm Particles >38μm		ASTM D7647 ASTM D7647	>40 >10	60	8	3
Particles >14μm Particles >21μm		ASTM D7647	>40	60	8	3
Particles >14μm Particles >21μm Particles >38μm Particles >71μm	TION	ASTM D7647 ASTM D7647 ASTM D7647	>40 >10 >3	60 3 1	8 0 0	3 1 0

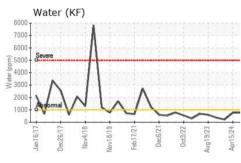


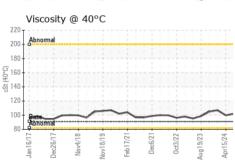
OIL ANALYSIS REPORT

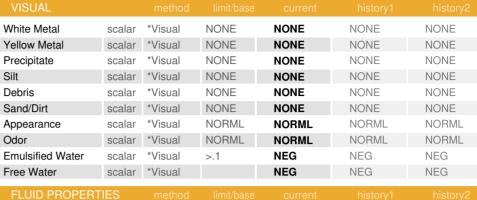












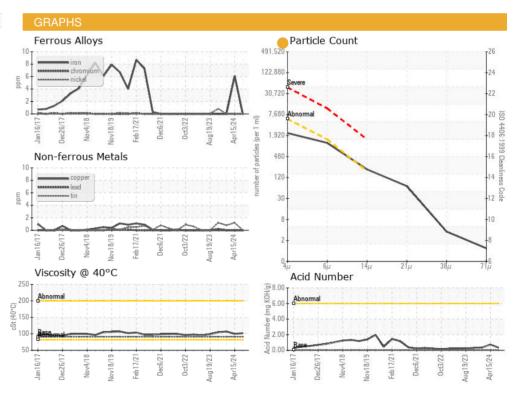
Visc @ 40°C	cSt	ASTM D445	91	102	99.7	107

	AGES

Color

Bottom









Certificate 12367

Laboratory Sample No. Lab Number

: 06205481 Unique Number : 11072942

: USPM37619 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Jun 2024

Tested : 12 Jun 2024 Diagnosed : 12 Jun 2024 - Doug Bogart TYSON-DAKOTA CITY-PRO

P.O. BOX 515 DAKOTA CITY, NE US 68731

Contact: Service Manager

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)

F: (605)235-2960

Contact/Location: Service Manager - IBPDAKPRO

T: