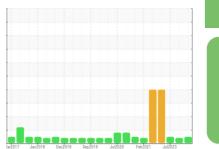


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

BUSCH VAR-M909 (S/N C6653)

Compone

USPI VAC 100 (--- GAL)

		IS	

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

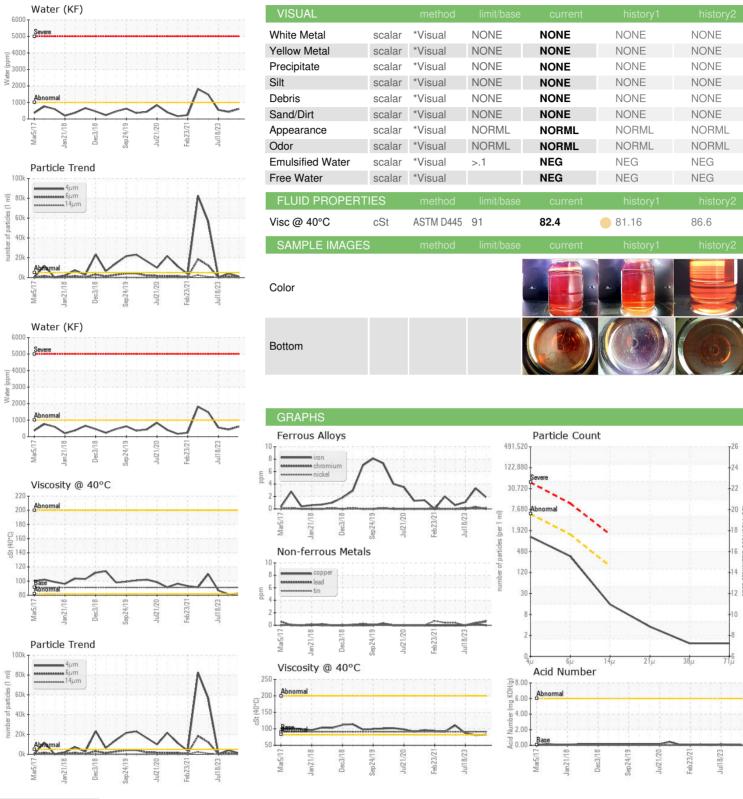
Fluid Condition

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

		lar2017 Jan	2018 Dec2018 Sep2	019 Jul2020 Feb2021 .	Jul2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM37792	USPM30869	USPM27915
Sample Date		Client Info		01 Jun 2024	18 Nov 2023	18 Jul 2023
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	ATTENTION	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	2	3	1
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m	>3	0	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	<1	0	<1
Lead	ppm	ASTM D5185m	>12	0	<1	0
Copper	ppm	ASTM D5185m	>30	<1	<1	0
Tin	ppm	ASTM D5185m	>9	<1	<1	0
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	0	0
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	0	1	<1	0
Calcium	ppm	ASTM D5185m	0	0	2	0
Phosphorus	ppm	ASTM D5185m	1800	1503	1174	1378
Zinc	ppm	ASTM D5185m	0	13	7	1
Sulfur	ppm	ASTM D5185m	0	261	128	161
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	5	4	4
Sodium	ppm	ASTM D5185m		2	0	0
Potassium	ppm	ASTM D5185m	>20	3	2	<1
Water	%	ASTM D6304		0.060	0.042	0.054
ppm Water	ppm	ASTM D6304	>1000	608	427	545.7
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>5000	1116	4082	357
Particles >6µm		ASTM D7647	>1300	309	864	80
Particles >14μm		ASTM D7647	>160	13	30	6
Particles >21µm		ASTM D7647	>40	3	6	2
Particles >38µm		ASTM D7647	>10	1	1	0
Particles >71µm		ASTM D7647	>3	1	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/11	19/17/12	16/13/10
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number

: 06214042 Unique Number : 11086906 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : USPM37792 Received : 18 Jun 2024 Tested

: 21 Jun 2024 Diagnosed : 21 Jun 2024 - Doug Bogart

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)

Contact/Location: SERVICE MANAGER - IBPEMP01

TYSON-Emporia-USP

Contact: SERVICE MANAGER

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