

OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Machine Id

BUSCH PR5-500 P1 (S/N U053804560) Component 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 a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

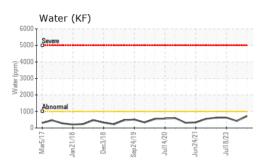
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

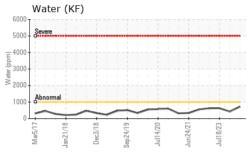
Sample Date Client Info O1 Jun 2024 29 Jan 2024 18 Jul 2023 Machine Age hrs Client Info O O O Oil Age hrs Client Info O O O O Oil Changed Client Info N/A N/A N/A N/A Sample Status Imathy Client Info N/A N/A N/A N/A WEAR METALS method Imit/base current history1 history1 Iron ppm ASTM D5185m >5 <1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info N/A N/A N/A N/A Sample Status Client Info N/A N/A N/A N/A WEAR METALS method Imit/base current history! history! Iron ppm ASTM D5185m >5 0 <1	Sample Number		Client Info		USPM37791	USPM30841	USPM27888
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status Client Info N/A ABNORMAL NORMAL NORMAL WEAR METALS method limit/base current history1 history1 from ppm ASTM D5185m >5 0 <1	Sample Date		Client Info		01 Jun 2024	29 Jan 2024	18 Jul 2023
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Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >7 <1	Titanium		ASTM D5185m	>3	0	<1	0
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Lead ppm ASTM D5185m >12 0 <1 0 Copper ppm ASTM D5185m >30 1 <1	Aluminum		ASTM D5185m	>7	<1	1	<1
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			()				
Acid Number (AN) mg KOH/g ASTM D8045 0.05 0.081 0.089 0.065							history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.05	0.081	0.089	0.065

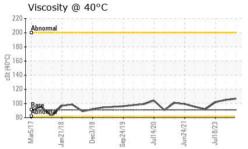
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OIL ANALYSIS REPORT





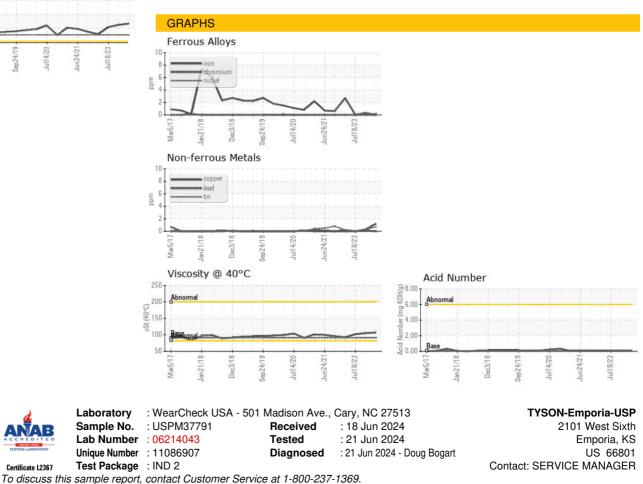


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	🔺 MODER	NONE	NONE
Sand/Dirt	scalar	*Visual	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	107	105	102
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				•		

Bottom

* - 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)



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