

OIL ANALYSIS REPORT

Sample Rating Trend ISO

Machine Id

BUSCH 9 VACUUM (S/N S00311FMNLHGA03) Compone Pump

Fluid USPI MAX FG VAC 100 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

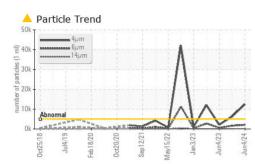
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

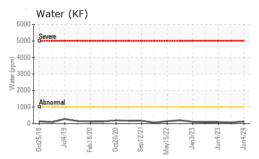
Sample Date Client Info 04 Jun 2024 08 Feb 2024 04 Jun 202 Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A NA Sample Status Imit/base current history1 history1 Iron ppm ASTM D5185m >50 0 0 0 Nickel ppm ASTM D5185m >50 0 0 0 Nickel ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Cadmium ppm ASTM D5185m >12 0 0 0 Vanadium ppm ASTM D5185m 12 0 0 0 Cadmium ppm ASTM D5185m 12 0 0 0 Sinver ppm ASTM D5185m	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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Calcium ppm ASTM D5185m <1	Manganese	ppm	ASTM D5185m		<1	0	<1
Phosphorus ppm ASTM D5185m 2 <1	Magnesium	ppm	ASTM D5185m		0	0	0
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Oil Cleanliness ISO 4406 (c) >19/17/14 21/18/14 20/18/14 20/18/14 18/16/12 FLUID DEGRADATION method limit/base current history1 history			ASTM D7647	>10		4	
FLUID DEGRADATION method limit/base current history1 history			ASTM D7647	>3	2	1	1
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 21/18/14	20/18/14	18/16/12
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045 0.08 0.066 0.106	Acid Number (AN)	mg KOH/g	ASTM D8045		0.08	0.066	0.106

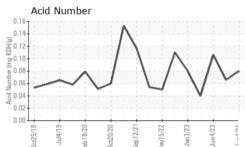


OIL ANALYSIS REPORT

method







600 500

3000 Nater (1 3000

100

120

110 (110 (0.0+) 105 tso

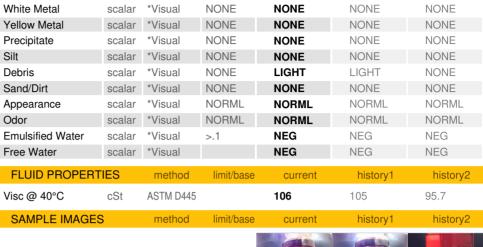
100

95 Abnor

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limit/base

current

Color

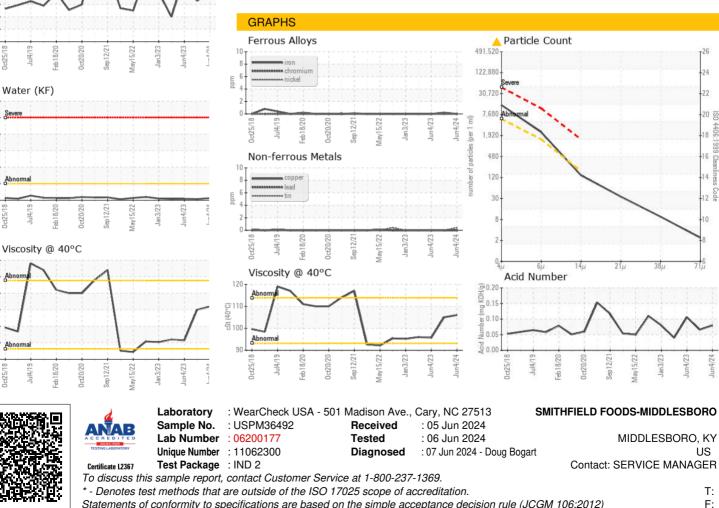
VISUAL



history1

history2

Bottom



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

Report Id: SMIMID [WUSCAR] 06200177 (Generated: 06/08/2024 00:00:58) Rev: 1

Contact/Location: SERVICE MANAGER ? - SMIMID