

OIL ANALYSIS REPORT

NORMAI

Area No. 1 Paper Machine 1 PM FAN PUMP (S/N 85618) Pump

Fluid **ROYAL PURPLE SYNFILM 100 (25 GAL)**

Recommendation

Resample at the next service interval to monitor.

Wear

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

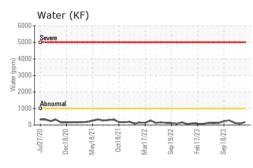
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

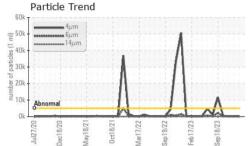
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2020 Dec2020 May2021	Oct2021 Mar2022 Sep2022 Feb20	123 Sep2023	

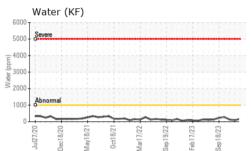
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0039762	RP06120862	RP0038220
Sample Date		Client Info		16 Apr 2024	15 Mar 2024	15 Feb 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	0	0	0
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	0	<1	<1
Lead	ppm	ASTM D5185m	>12	0	0	<1
Copper	ppm	ASTM D5185m	>30	6	5	3
Tin	ppm	ASTM D5185m	>9	0	0	<1
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	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	90	64	78	81
Calcium	ppm	ASTM D5185m		2	<1	6
Phosphorus	ppm	ASTM D5185m		3	1	0
Zinc	ppm	ASTM D5185m		0	0	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	<1	0	<1
Sodium	ppm	ASTM D5185m		17	13	12
Potassium	ppm	ASTM D5185m	>20	8	0	2
Water	%	ASTM D6304	>.1	0.017	0.007	0.013
ppm Water	ppm	ASTM D6304	>1000	174	73	133
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	217	154	173
Particles >6µm		ASTM D7647	>1300	59	23	50
Particles >14µm		ASTM D7647	>160	10	3	6
Particles >21µm		ASTM D7647	>40	4	1	2
Particles >38µm		ASTM D7647	>10	0	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	15/13/10	14/12/9	15/13/10
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.25	0.36	0.37	0.34

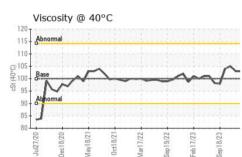


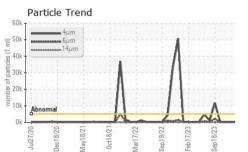
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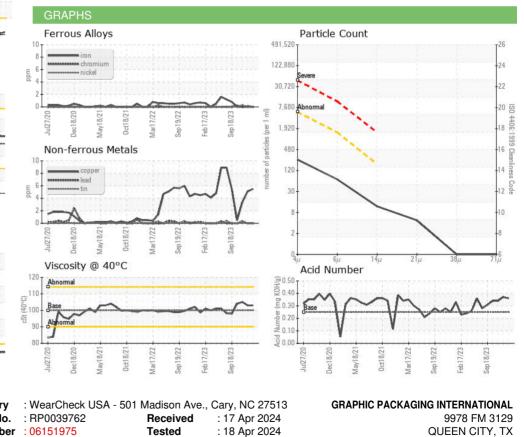






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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	100	103	103	105
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				. Hb2art	anterer Marken Sch	
						1 Sector

Bottom



: 19 Apr 2024 - Don Baldridge



Laboratory Sample No. Lab Number : 06151975 Unique Number : 10982053 Test Package : IND 2 (Additional Tests: PrtCount) Certificate 12367

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.

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

Diagnosed

Report Id: INTTEX [WUSCAR] 06151975 (Generated: 04/19/2024 20:38:27) Rev: 1

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