

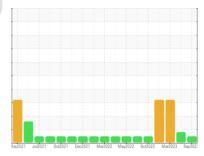
# **OIL ANALYSIS REPORT**

# Pulp Mill A-Line

A-Line Unbleached ThickStockPmp Drive End (S/N 0241-02-05-010-030-010-030)

Pump Drive

**ROYAL PURPLE SYNERGY 90/220 (--- GAL)** 



Sample Rating Trend



## 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

## Fluid Condition

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

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SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0003453	RP0031723	RP0031080
Sample Date		Client Info		28 Sep 2023	18 Jul 2023	29 Mar 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	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	112	<u>^</u> 229	69
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
	ppm	ASTM D5185m	>10	<1	0	<1
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m	>25	4	8	19
	ppm	ASTM D5185m	>100	0	<1	0
- '	ppm	ASTM D5185m		1	2	2
	ppm		>10	0	0	0
		ASTM D5185m	>10	0	0	0
	ppm ppm	ASTM D5185m		0	0	0
ADDITIVES	PPIII	method	limit/base	current	history1	history2
_	nnm	ASTM D5185m	IIIIIIIIIII	0	0	0
	ppm	ASTM D5185m		0	0	0
	ppm			-		
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		1	3	2
	ppm	ASTM D5185m		42	29	32
	ppm	ASTM D5185m		<1	0	10
	ppm	ASTM D5185m	370	63	136	160
Zinc	ppm	ASTM D5185m		5	0	13
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	3	4	5
Sodium	ppm	ASTM D5185m		<1	1	1
Potassium	ppm	ASTM D5185m	>20	<1	2	<1
Water	%	ASTM D6304	>0.1	0.017	0.014	<u> </u>
ppm Water	ppm	ASTM D6304	>1000	178.8	147.2	▲ 1010
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.33	0.40	0.49	0.44
VISUAL		method	limit/base	current	history1	history2
	scalar	*Visual	NONE	NONE	NONE	NONE
	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	>0.1	NEG	NEG	<b>△</b> 0.2%
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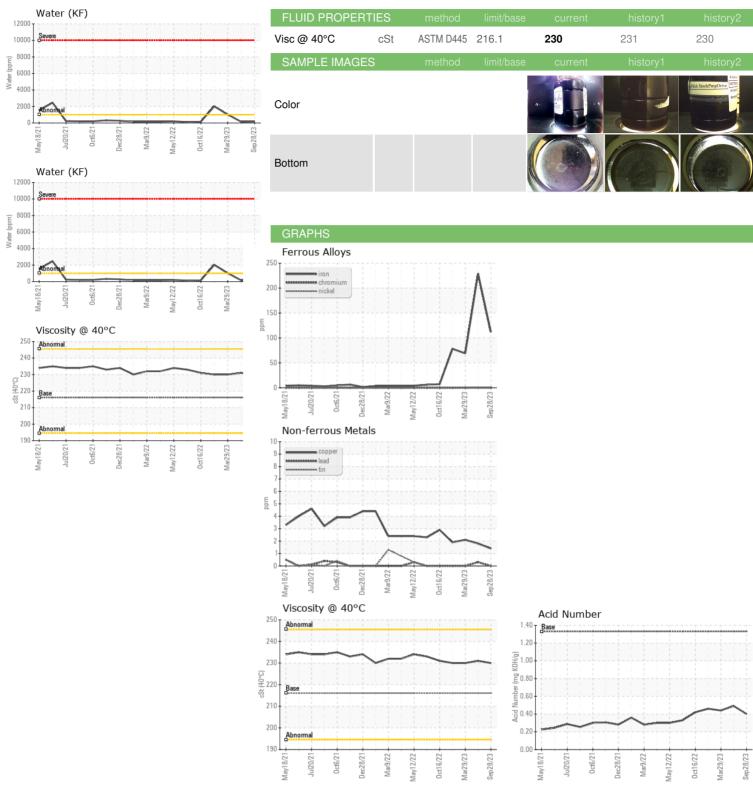
n: DMACOD COTHRENO INTTEX

**NEG** 

scalar \*Visual



## **OIL ANALYSIS REPORT**







Laboratory Sample No. Lab Number **Unique Number** 

: RP0003453

: 05968370 : 10674921 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Oct 2023 Diagnosed

Diagnostician : Doug Bogart

: 04 Oct 2023

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)

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