

OIL ANALYSIS REPORT

Area **PROCESS CHEESE [98778593]** Machine Id **4615-CMX** Component

Pump Fluid R&O OIL ISO 68 (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

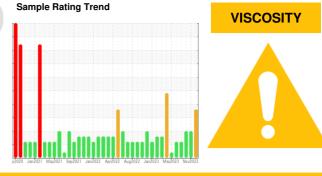
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



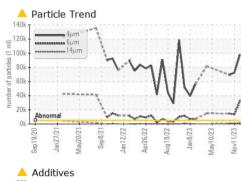
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0096801	PCA0096856	PCA0096857
Sample Date		Client Info		29 Jan 2024	11 Nov 2023	15 Aug 2023
Machine Age r	mths	Client Info		0	0	0
Oil Age r	mths	Client Info		1	1	1
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINATIC)N	method	limit/base	current	history1	history2
Water		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron s	ppm	ASTM D5185m	>90	4	16	17
	ppm	ASTM D5185m	>5	<1	<1	0
	ppm	ASTM D5185m	>5	0	<1	0
1	ppm	ASTM D5185m	>3	0	<1	<1
	ppm	ASTM D5185m	>3	0	0	0
1	ppm	ASTM D5185m		0	2	0
	ppm	ASTM D5185m	>12	0	0	0
	ppm	ASTM D5185m	>30	0	<1	0
	ppm	ASTM D5185m	>9	0	<1	0
		ASTM D5185m	25	0	0	<1
- · · ·	ppm	ASTM D5185m		0	<1	0
r	ppm			U		
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	5	0	0	0
	ppm	ASTM D5185m	5	0	4	0
	ppm	ASTM D5185m	5	0	<1	0
•	ppm	ASTM D5185m		0	<1	0
•	ppm	ASTM D5185m	5	0	<1	<1
Calcium p	ppm	ASTM D5185m	5	0	0	0
Phosphorus p	ppm	ASTM D5185m	100	446	80	60
Zinc ß	ppm	ASTM D5185m	25	6 3	31	30
Sulfur ß	ppm	ASTM D5185m	1500	994	0	2
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon 🛛	ppm	ASTM D5185m	>60	1	4	3
Sodium p	ppm	ASTM D5185m		0	<1	<1
Potassium F	ppm	ASTM D5185m	>20	0	<1	0
FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<mark>▲</mark> 98020	▲ 72324	69591
Particles >6µm		ASTM D7647	>1300	<u> </u>	<u> </u>	<u> </u>
Particles >14µm		ASTM D7647	>320	<u> </u>	5 48	A 872
Particles >21µm		ASTM D7647	>80	<u> </u>	<u>▲</u> 127	<u> </u>
Particles >38µm		ASTM D7647	>20	4	5	19
Particles >71µm		ASTM D7647	>4	0	0	2
Oil Cleanliness		ISO 4406 (c)	>19/17/15	A 24/22/18	A 23/21/16	▲ 23/21/17
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.08	0.21	0.11	0.12
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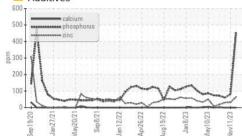
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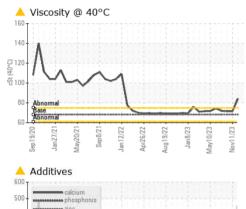
Contact/Location: Service Manager - KRASPRMO

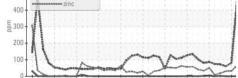


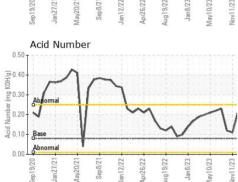
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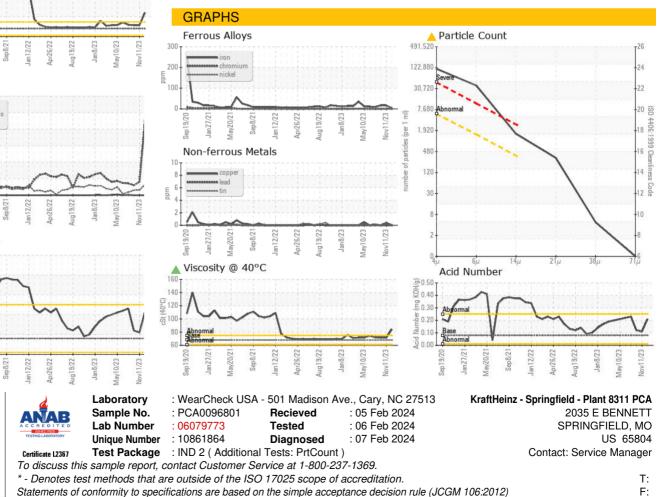












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