

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id WC-9250-0104-5 Chiller #4 Chiller Fluid YORK TYPE K (--- GAL)

DIAGNOSIS

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.

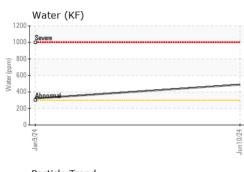
Fluid Condition

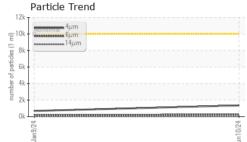
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

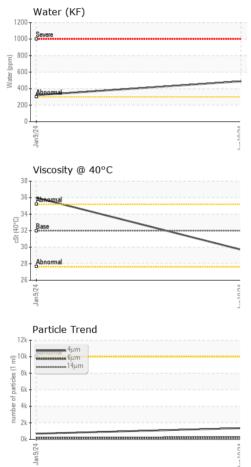
SAMPLE INFORMAT	ΓΙΟΝ	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0827405	WC0836567	
Sample Date		Client Info		10 Jun 2024	09 Jan 2024	
Machine Age hr	'S	Client Info		11208	9613	
Oil Age hr	'S	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	MARGINAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron pp	om	ASTM D5185m	>8	2	4	
Chromium pp	om	ASTM D5185m	>2	0	<1	
Nickel pp	om	ASTM D5185m		0	0	
Titanium pp	om	ASTM D5185m		0	0	
Silver pp	om	ASTM D5185m	>2	0	0	
Aluminum pp	om	ASTM D5185m	>3	0	2	
	om	ASTM D5185m	>2	0	0	
	om	ASTM D5185m	>8	0	<1	
	om	ASTM D5185m	>4	0	0	
	om	ASTM D5185m		0	0	
	om	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron pr	om	ASTM D5185m	0	0	0	
Barium pr	om	ASTM D5185m	0	0	0	
Molybdenum pp	om	ASTM D5185m	0	0	0	
	om	ASTM D5185m	0	0	0	
	om	ASTM D5185m	0	0	0	
Calcium pr	om	ASTM D5185m	0	0	0	
Phosphorus pr	om	ASTM D5185m	5	0	33	
	om	ASTM D5185m	0	0	0	
Sulfur pr	om	ASTM D5185m	10	0	0	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon pp	om	ASTM D5185m	>15	9	13	
Sodium pp	om	ASTM D5185m		<1	2	
Potassium pp	om	ASTM D5185m	>20	0	<1	
Water %	,	ASTM D6304	>0.03	0.048	▲ 0.032	
ppm Water pp	om	ASTM D6304	>300	488	3 21	
FLUID CLEANLINES	S	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	1348	683	
Particles >6µm		ASTM D7647	>2500	241	164	
Particles >14µm		ASTM D7647	>320	13	18	
Particles >21µm		ASTM D7647	>80	3	5	
Particles >38µm		ASTM D7647	>20	0	0	
Particles >38µm Particles >71µm			>20 >4	0 0		
		ASTM D7647			0	
Particles >71µm	ON	ASTM D7647 ASTM D7647	>4	0	0 0	

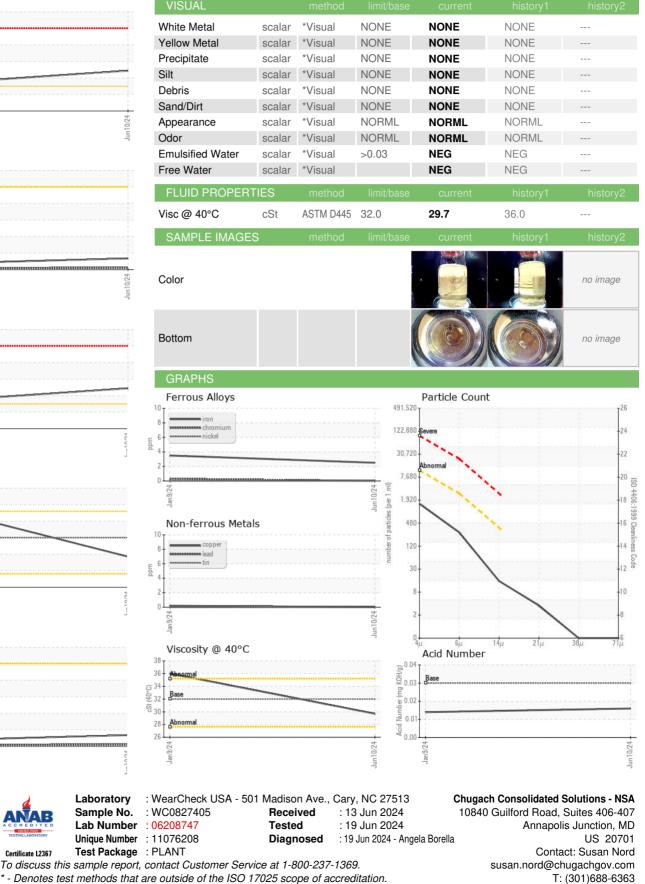


OIL ANALYSIS REPORT









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

Report Id: CHUANN [WUSCAR] 06208747 (Generated: 06/21/2024 12:07:29) Rev: 1

Certificate 12367

Contact/Location: Susan Nord - CHUANN

Page 2 of 2

F: (443)479-5666