

# **OIL ANALYSIS REPORT**

# Area **PSA**Machine ld [PSA] PSA LUBE TOTE 21

Reciprocating Compressor TURBINE OIL ISO 100 (--- GAL)

# Sample Rating Trend



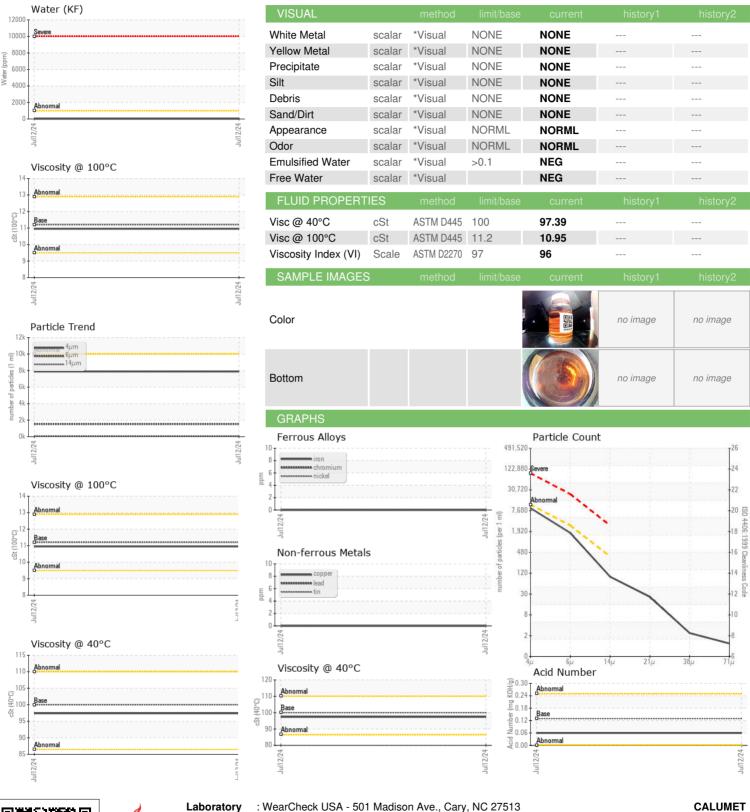
## Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM						
	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0042864		
Sample Date		Client Info		12 Jul 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	<1		
Barium	ppm	ASTM D5185m	5	<1		
Molybdenum	ppm	ASTM D5185m	5	1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	5		
Calcium	ppm	ASTM D5185m	10	27		
Phosphorus	ppm	ASTM D5185m	275	51		
Zinc	ppm	ASTM D5185m	7	27		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon			>25	2		
Sodium	ppm	ASTM D5185m	>25	2		
Potassium	ppm	ASTM D5185m	>20	0		
Water	ppm %	ASTM D5165111		0.002		
opm Water	% ppm	ASTM D6304 ASTM D6304		19		
FLUID CLEANLIN		method	limit/base	current	history1	history2
		ASTM D7647	>10000	7885		
Particles >4um		ASTM D7647	>2500	1527		
Particles >6µm		ASTM D7647	>320	04		
Particles >6μm Particles >14μm		ASTM D7647	>320	84 22		
Particles >6µm Particles >14µm Particles >21µm		ASTM D7647	>80	22		
Particles >6μm Particles >14μm Particles >21μm Particles >38μm		ASTM D7647 ASTM D7647	>80 >20	22 2		
Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness		ASTM D7647	>80	22		
Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm	ATION _	ASTM D7647 ASTM D7647 ASTM D7647	>80 >20 >4	22 2 1		



## **OIL ANALYSIS REPORT**





Certificate 12367

Laboratory Sample No.

: RP0042864 Lab Number : 06238316 Unique Number : 11127150

Received : 16 Jul 2024 **Tested** Diagnosed

: 17 Jul 2024 : 19 Jul 2024 - Jonathan Hester Test Package : IND 2 ( Additional Tests: KV100, PrtCount, VI )

3333 MIDWAY AVENUE SHREVEPORT, LA US 71109 Contact: NICHOLAS LESAGE nicholas.lesage@clmt.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.  $^st$  - 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)

Report Id: CALSHR [WUSCAR] 06238316 (Generated: 07/19/2024 12:40:26) Rev: 1

Submitted By: CODY COMPTON

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