

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id Component Reciprocating Compressor Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

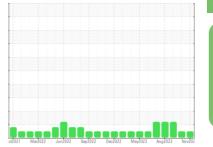
All component wear rates are normal.

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 INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50001884	TO50001877	TO60000872
Sample Date		Client Info		04 Nov 2023	13 Oct 2023	07 Sep 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	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		1	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	<1
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	1	0
Tin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m	210	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		<1	<1	0
Magnesium	ppm	ASTM D5185m		3	0	4
Calcium	ppm	ASTM D5185m		4	4	4
Phosphorus	ppm	ASTM D5185m		25	4	35
Zinc	ppm	ASTM D5185m		5	4	14
Sulfur	ppm	ASTM D5185m		2703	2470	3845
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0	1
Sodium	ppm	ASTM D5185m		<1	1	0
Potassium	ppm	ASTM D5185m	>20	1	0	<1
Water	%	ASTM D6304	>0.1	0.003	0.003	0.003
ppm Water	ppm	ASTM D6304	>1000	35.8	38.0	33.6
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	2196	4364	4 91166
Particles >6µm		ASTM D7647	>2500	563	1457	12542
Particles >14µm		ASTM D7647	>320	53	215	147
Particles >21µm		ASTM D7647	>80	17	73	31
Particles >38µm		ASTM D7647	>20	0	1	2
Particles >71µm		ASTM D7647	>4	0	0	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/16/13	19/18/15	▲ 24/21/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.056	0.054	0.043

Contact/Location: DUSTIN FRY - GARROW



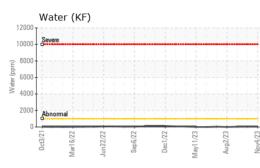
Particle Trend

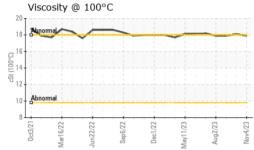
100 09 (1 ml) 09

40

01

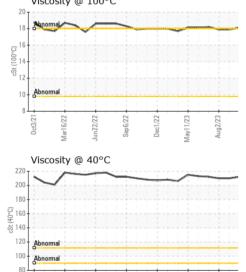
OIL ANALYSIS REPORT



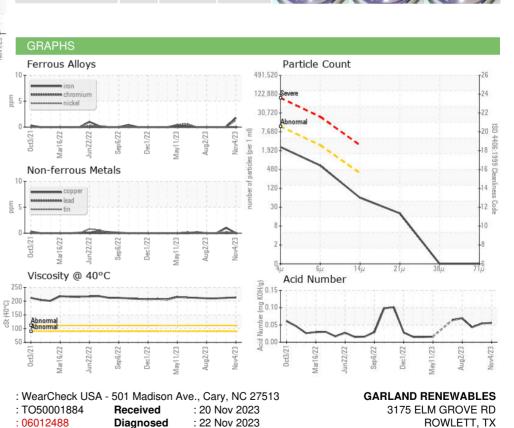




Abnomal 14µm 12272 Tall 12772 Tall 127







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.

Certificate L2367

May11/23 -

50/Cum

Laboratory

Sample No.

Lab Number

Unique Number

: 10751632

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

Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

Diagnostician : Don Baldridge

ROWLETT, TX US 75089 Contact: DUSTIN FRY dustin@morrowrenew.com T:

F: