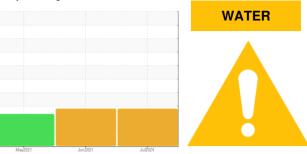


OIL ANALYSIS REPORT

Sample Rating Trend

SAMPLE INFORMATION method limit/base



history1

history2

current

Machine Id Component Refrigeration Compressor

Fluid {not provided} (2 GAL)

DIAGNOSIS

A Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil. There is a trace of moisture present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

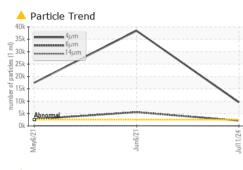
SAMPLE INFURI		method	limit/base	current	nistory i	nistory2
Sample Number		Client Info		USP0012284	USP224398	USP224391
Sample Date		Client Info		11 Jul 2024	06 Jun 2021	06 May 2021
Machine Age	hrs	Client Info		0	41240	37755
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	2	0	<1
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	<1	0	0
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m	>8	0	<1	<1
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Antimony	ppm	ASTM D5185m			0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	2	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		0	1	0
Phosphorus	ppm	ASTM D5185m		0	1	0
Zinc	ppm	ASTM D5185m		0	5	0
Sulfur	ppm	ASTM D5185m		0	30	0
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2	14	1
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water	%	ASTM D6304	>0.01	6 0.046	▲ 0.094	▲ 0.082
ppm Water	ppm	ASTM D6304	>100	464	▲ 940.6	▲ 825.8
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	<mark>人</mark> 9541	▲ 38429	17404
Particles >6µm		ASTM D7647	>320	<u> </u>	▲ 5577	2738
Particles >14µm		ASTM D7647	>80	53	1 18	64
Particles >21µm		ASTM D7647	>20	8	18	10
Particles >38µm		ASTM D7647	>4	0	2	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/15/13	A 20/18/13	<u>22/20/14</u>	21/19/13
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN) :47:13) Rev: 1	mg KOH/g	ASTM D974		0.014 Contact/Locati	0.022 on: TODD CAR	0.016 TER - RACGA

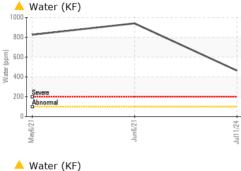
Report Id: RACGAR [WUSCAR] 06234999 (Generated: 07/16/2024 17:47:13) Rev: 1

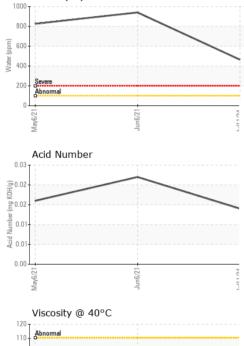
Contact/Location: TODD CARTER - RACGAR Page 1 of 2

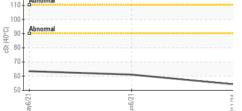


OIL ANALYSIS REPORT



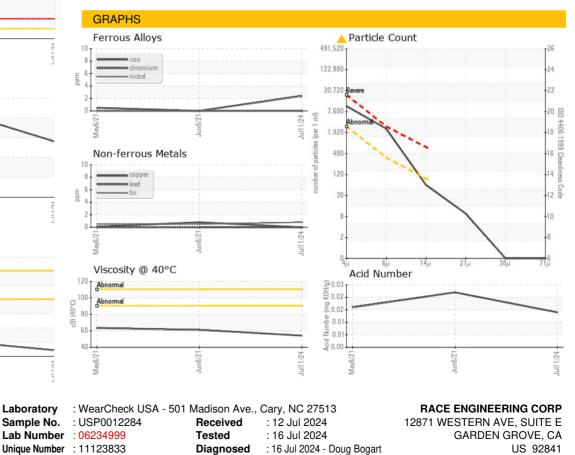






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		54.2	61.1	63.5
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color						
					10 AM	1220

Bottom



Test Package : IND 2

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)

Report Id: RACGAR [WUSCAR] 06234999 (Generated: 07/16/2024 17:47:13) Rev: 1

Certificate 12367

Contact/Location: TODD CARTER - RACGAR

Contact: TODD CARTER

tcrace@verizon.net

T: (714)895-3488

F: (714)895-5125