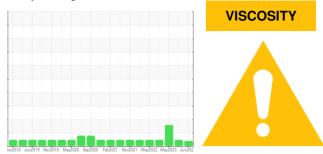


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

C-415102-A

Component Compressor Fluid **ROYAL PURPLE SYNFILM GT 100 (100 GAL)**

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

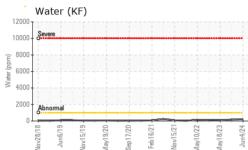
Fluid Condition

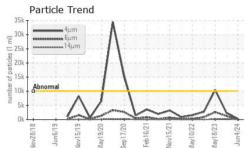
The oil viscosity is higher than normal. The AN level is acceptable for this fluid.

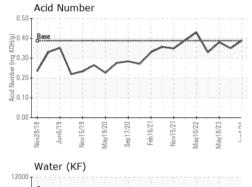
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0035222	RP06033467	RP0033762
Sample Date		Client Info		04 Jun 2024	12 Dec 2023	18 May 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Filtered
Sample Status				MARGINAL	NORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	1	2
Tin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	1- 1-	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m	90	87	94	91
Magnesium Calcium	ppm	ASTM D5185m	90	87	94 <1	4
	ppm		05	3	3	7
Phosphorus	ppm	ASTM D5185m	35	2	0	1
Zinc	ppm	ASTM D5185m		2	0	I
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m		<1	2	2
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water	%	ASTM D6304		0.022	0.017	0.009
ppm Water	ppm	ASTM D6304	>1000	225	173	99.1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	255	2297	0430
Particles >6µm		ASTM D7647	>2500	62	1251	2633
Particles >14µm		ASTM D7647	>320	9	213	184
Particles >21µm		ASTM D7647	>80	1	72	58
Particles >38µm		ASTM D7647	>20	0	11	2
Particles >71µm		ASTM D7647	>4	1	1	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	15/13/10	18/17/15	21/19/15
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.388	0.39	0.35	0.38

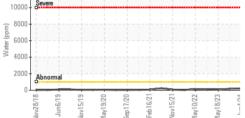


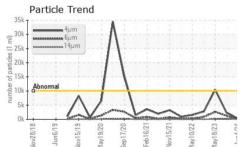
OIL ANALYSIS REPORT

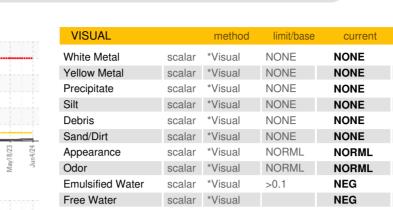












Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	103	121.8	107	33.67
SAMPLE IMAGES		method	limit/base	current	history1	history2

Color



history1

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

0.2%

history2

NONE

NONE

NONE

NONE

LIGHT

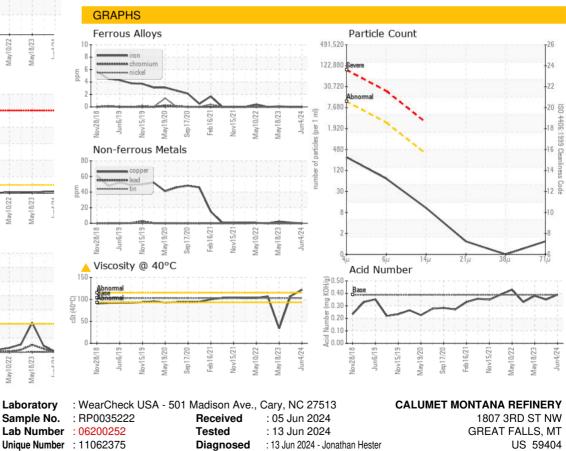
NONE

NORML

NORML

NEG

Bottom



Test Package : IND 2 (Additional Tests: PrtCount) Certificate 12367

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: CALGREMT [WUSCAR] 06200252 (Generated: 06/15/2024 03:00:56) Rev: 1

Contact/Location: CODY MCRADY - CALGREMT

E:

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Contact: CODY MCRADY

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