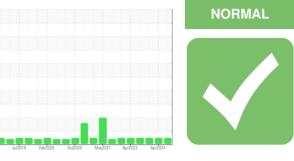


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

C-032701 Component Compressor Fluid **ROYAL PURPLE SYNFILM NGL ISO 150 (40 GAL)**

DIAGNOSIS

Recommendation

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.

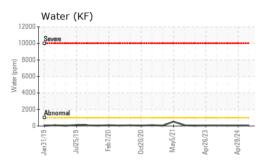
Fluid Condition

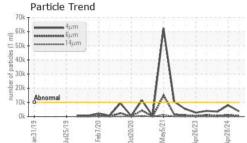
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

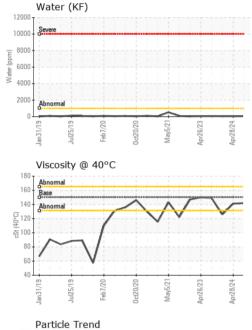
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0035219	RP0036049	RP0039413
Sample Date		Client Info		04 Jun 2024	28 Apr 2024	04 Feb 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	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	10	10	13
Tin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	nom	ASTM D5185m		0	0	0
Barium	ppm ppm	ASTM D5185m		ں <1	0	0
Molybdenum		ASTM D5185m		0	0	0
Manganese	ppm ppm	ASTM D5185m		0	0	<1
Magnesium		ASTM D5185m	5	2	4	2
Calcium	ppm ppm	ASTM D5185m	175	216	195	172
Phosphorus		ASTM D5185m	5	<1	2	0
Zinc	ppm ppm	ASTM D5185m	5	2	0	0
CONTAMINANTS		method	limit/base	_	history1	history2
				current		
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m	00	0	<1	<1
Potassium	ppm	ASTM D5185m	>20	<1	1	2
Water	%	ASTM D6304		0.005	0.004	0.005
ppm Water	ppm	ASTM D6304		59	45	52
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	3745	7923	3445
Particles >6µm		ASTM D7647	>2500	556	1125	418
Particles >14µm		ASTM D7647	>320	5	28	24
Particles >21µm		ASTM D7647		1	9	2
Particles >38µm		ASTM D7647	>20	1	1	0
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/16/10	20/17/12	19/16/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.35	0.27	0.27	0.21

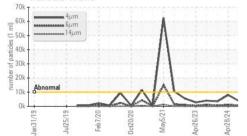


OIL ANALYSIS REPORT





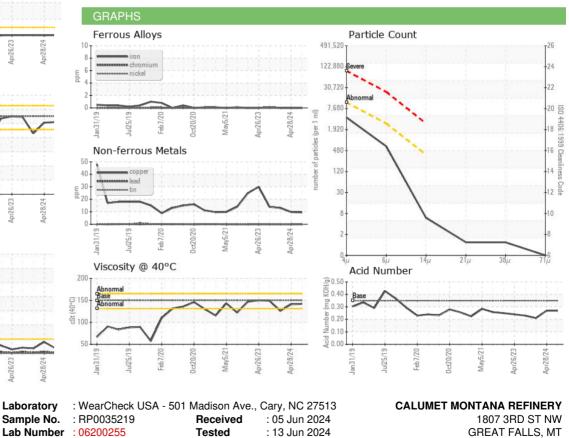




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	150	142	141	126
SAMPLE IMAGES	5	method	limit/base	current	history1	history2
Color						. 6.



Bottom



: 13 Jun 2024 - Jonathan Hester

Unique Number : 11062378 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)

Diagnosed

Report Id: CALGREMT [WUSCAR] 06200255 (Generated: 06/15/2024 03:00:21) Rev: 1

Contact/Location: CODY MCRADY - CALGREMT

F:

US 59404

T: (406)454-9854

Contact: CODY MCRADY

brian.schoechert@clmt.com