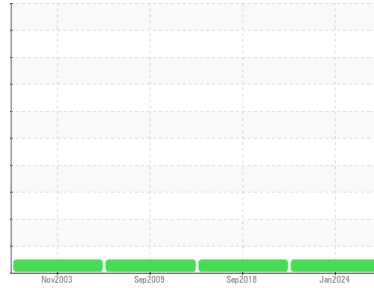




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id **CHEMINEER B BLOWDOWN TANK AGITATOR GEARBOX**

Component

Differential

Fluid

ROYAL PURPLE SYNFILM 150 (18 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.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		RP0035830	RP191600	RP82235
Sample Date	Client Info		02 Jan 2024	21 Sep 2018	14 Sep 2009
Machine Age	yrs	Client Info	0	0	0
Oil Age	yrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	Not Chngd	N/A
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	8	8	2
Chromium	ppm	ASTM D5185m >10	<1	0	0
Nickel	ppm	ASTM D5185m >10	0	0	<1
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	7	2	1
Lead	ppm	ASTM D5185m >25	0	0	1
Copper	ppm	ASTM D5185m >100	<1	0	0
Tin	ppm	ASTM D5185m >10	<1	0	0
Antimony	ppm	ASTM D5185m >5	---	1	158
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1
Barium	ppm	ASTM D5185m	0	<1	<1
Molybdenum	ppm	ASTM D5185m	<1	<1	0
Manganese	ppm	ASTM D5185m	0	<1	0
Magnesium	ppm	ASTM D5185m 90	81	87	86
Calcium	ppm	ASTM D5185m	2	1	5
Phosphorus	ppm	ASTM D5185m	49	3	26
Zinc	ppm	ASTM D5185m	0	1	2

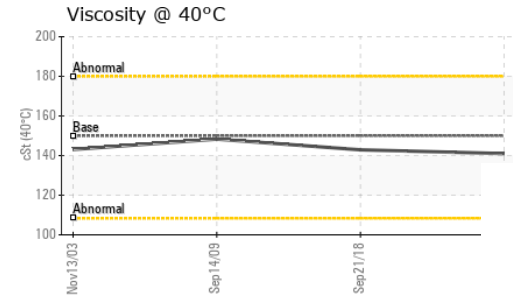
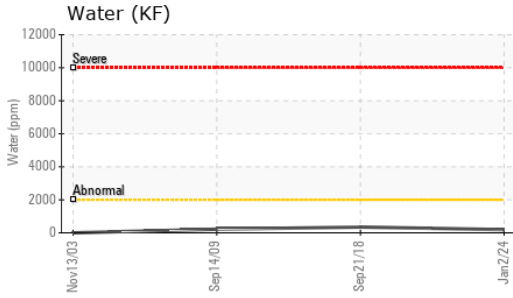
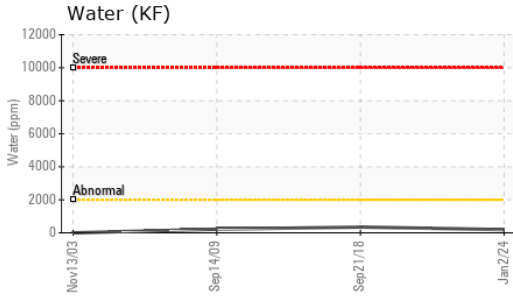
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	1	4	2
Sodium	ppm	ASTM D5185m	0	1	1
Potassium	ppm	ASTM D5185m >20	1	<1	0
Water	%	ASTM D6304 >.2	0.019	0.035	0.022
ppm Water	ppm	ASTM D6304 >2000	192	350	220

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.25	0.39	0.550	0.478

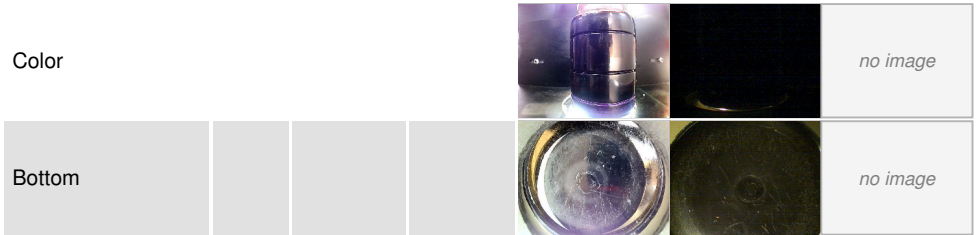
OIL ANALYSIS REPORT



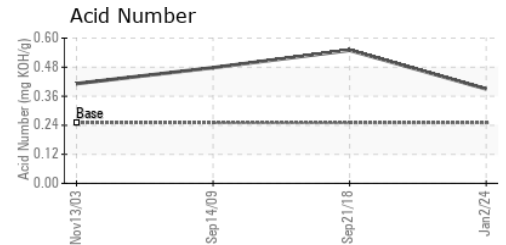
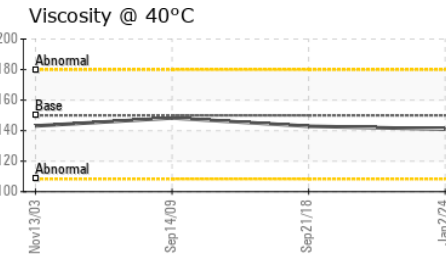
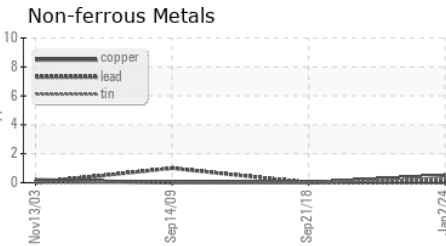
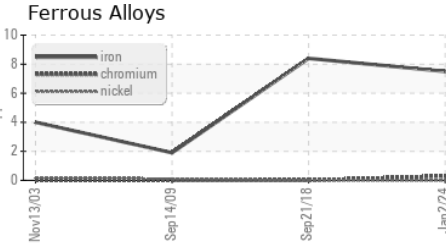
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	150	141	142.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0035830 **Recieved** : 16 Jan 2024
Lab Number : **06061277** **Diagnosed** : 18 Jan 2024
Unique Number : 10832659 **Diagnostician** : Wes Davis
Test Package : IND 2

OXY VINYLs DEER PARK PVC
 1000 TIDAL ROAD
 DEER PARK, TX
 US 77536
 Contact: CHARLES LOVE
 charles_love@oxy.com
 T: (281)476-2277
 F: (281)476-2604

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)