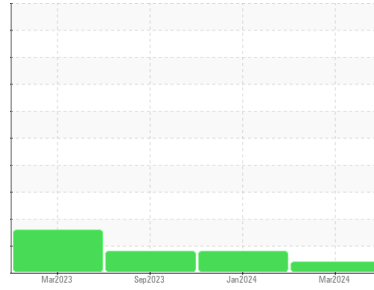




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Area

PGWS 150

Machine Id

LEROI 5709X14 - MARK WEST ENERGY

Component

Compressor

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

There is no indication of any contamination in the oil.

● Fluid Condition

The oil viscosity is lower than normal. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH06133499	UCH06058791	UCH06040647
Sample Date	Client Info		12 Mar 2024	05 Jan 2024	27 Sep 2023
Machine Age	hrs	Client Info	46347	45122	42924
Oil Age	hrs	Client Info	1975	750	4906
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ATTENTION	ABNORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	3	▲ 82	▲ 139
Chromium	ppm	ASTM D5185m >10	<1	<1	<1
Nickel	ppm	ASTM D5185m	1	<1	0
Titanium	ppm	ASTM D5185m	0	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	1	2	2
Lead	ppm	ASTM D5185m >25	<1	0	0
Copper	ppm	ASTM D5185m >50	0	<1	<1
Tin	ppm	ASTM D5185m >15	<1	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	0	0	0
Barium	ppm	ASTM D5185m	0	0	7
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	0	0	0
Magnesium	ppm	ASTM D5185m	0	<1	6
Calcium	ppm	ASTM D5185m	8	4	13
Phosphorus	ppm	ASTM D5185m	966	1105	1022
Zinc	ppm	ASTM D5185m	0	0	6
Sulfur	ppm	ASTM D5185m	2259	5294	5417

CONTAMINANTS

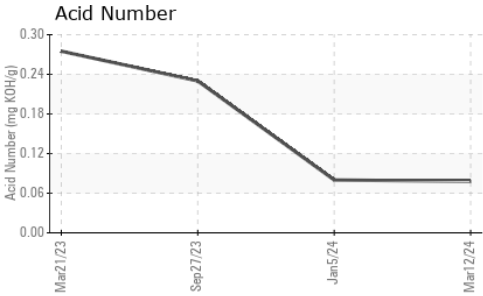
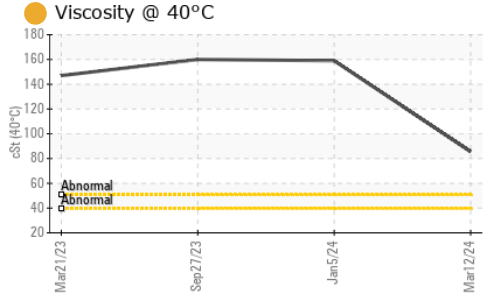
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<1	2	1
Sodium	ppm	ASTM D5185m	2	17	31
Potassium	ppm	ASTM D5185m >20	2	2	2

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.078	0.08	0.23



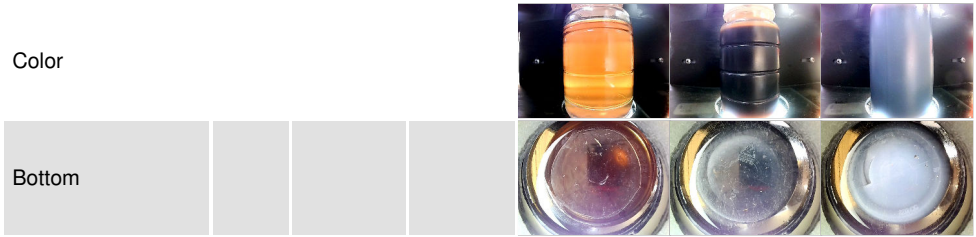
OIL ANALYSIS REPORT



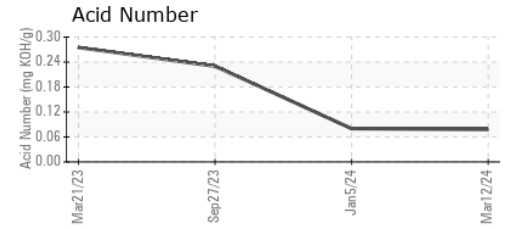
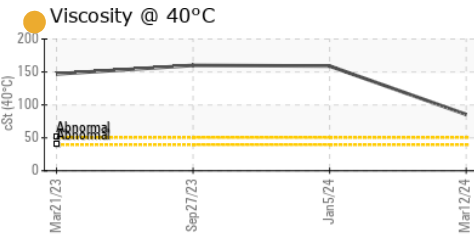
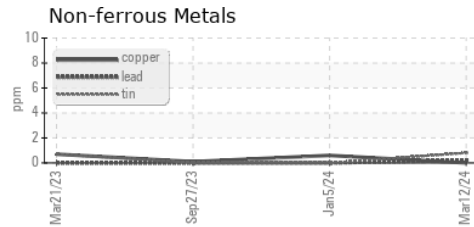
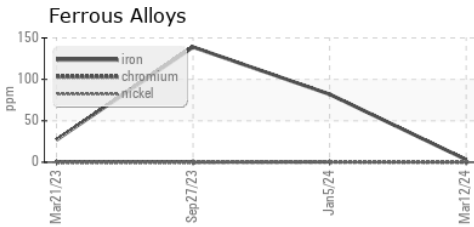
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	● 85.55	159	160

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06133499 **Received** : 29 Mar 2024
Lab Number : 06133499 **Tested** : 05 Apr 2024
Unique Number : 10952964 **Diagnosed** : 05 Apr 2024 - Jonathan Hester
Test Package : IND 2

PPC LUBRICANTS
 150 BONNIE DR
 BUTLER, PA
 US 16001
 Contact: SHAWN SMITH
 ssmith@ppclubricants.com
 T: (888)437-5823
 F: (866)789-5823

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)