



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
RP 42
 Machine Id
12H6114055
 Component
Compressor

RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

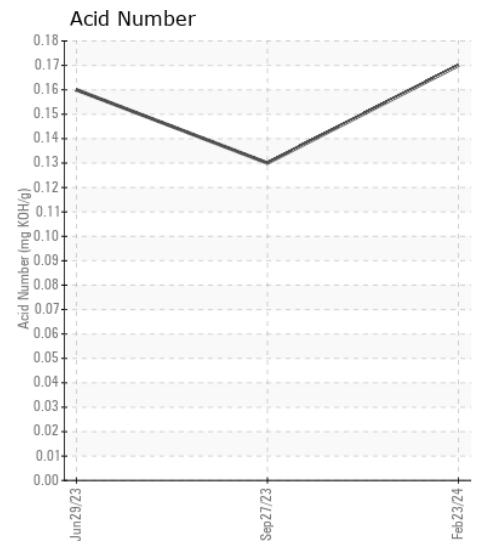
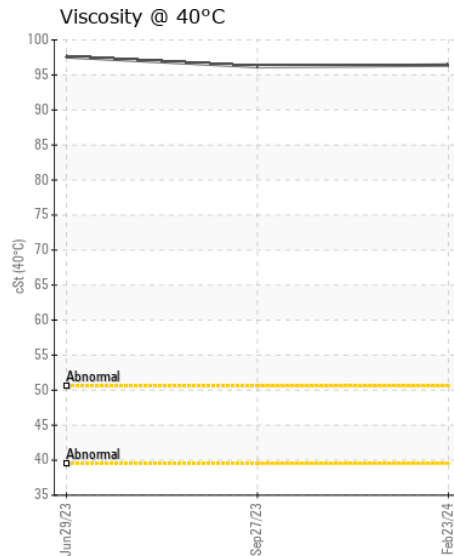
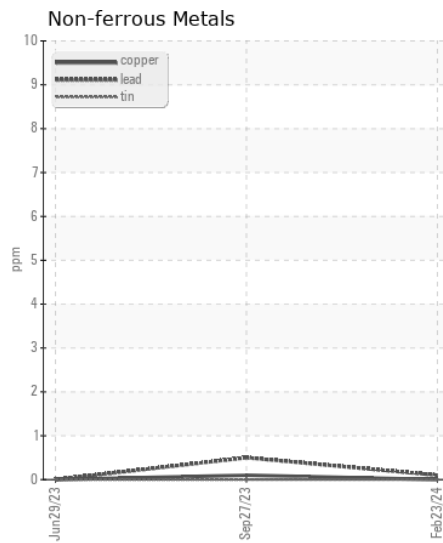
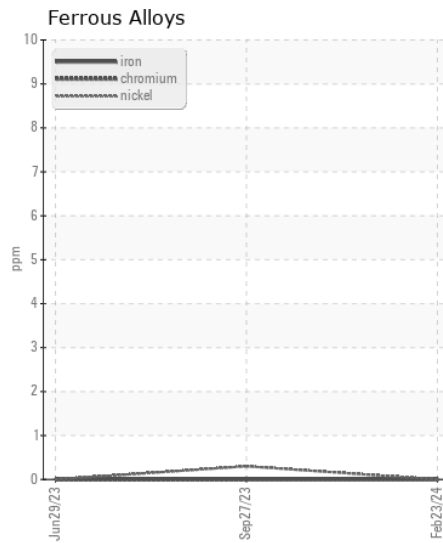
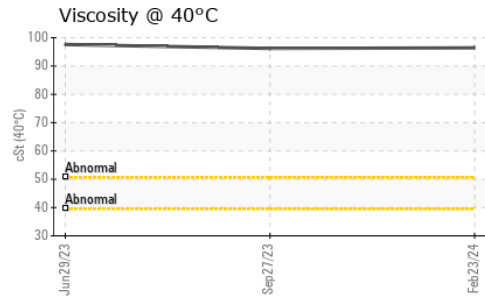
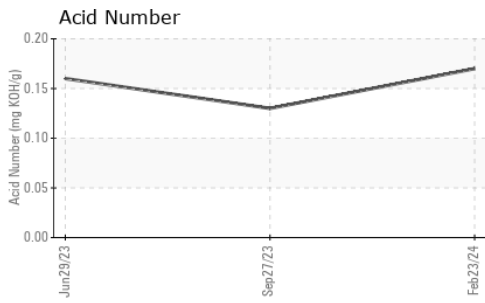
CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCZ06104438	UCZ05968385	UCZ05903398
Sample Date		Client Info		23 Feb 2024	27 Sep 2023	29 Jun 2023
Machine Age	hrs	Client Info		68435	43381	0
Oil Age	hrs	Client Info		0	872	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>15	0	0	0
Lead	ppm	ASTM D5185m	>65	<1	<1	0
Copper	ppm	ASTM D5185m	>65	0	<1	0
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Silicon	ppm	ASTM D5185m	>35	<1	1	1
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	MODER	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	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	<1	1
Boron	ppm	ASTM D5185m		0	0	0
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	<1
Calcium	ppm	ASTM D5185m		0	4	0
Phosphorus	ppm	ASTM D5185m		60	66	66
Zinc	ppm	ASTM D5185m		0	1	0
Sulfur	ppm	ASTM D5185m		559	569	668
Acid Number (AN)	mg KOH/g	ASTM D8045		0.17	0.13	0.16
Visc @ 40°C	cSt	ASTM D445		96.4	96.2	97.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : UCZ06104438

Lab Number : 06104438

Unique Number : 10902668

Test Package : IND 2

Received : 29 Feb 2024

Tested : 01 Mar 2024

Diagnosed : 03 Mar 2024 - Doug Bogart

HARLEY DAVIDSON

TOMAHAWK, WI
US

Contact: FRED WENZFELL
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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)

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