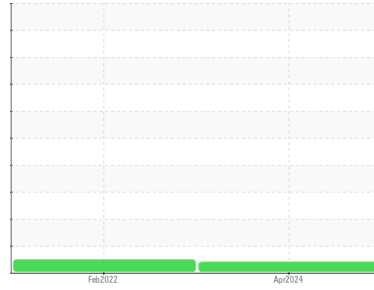


OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Area
K5 CONSTRUCTION CORPORATION - HODGKINS IL
 Machine Id
2028
 Component
Front Gearbox
 Fluid
LEAHY WOLF SYNMASTER 80W140 (2 GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0122094	LW0004297	---
Sample Date	Client Info		19 Apr 2024	11 Feb 2022	---
Machine Age	hrs	Client Info	5847	5818	---
Oil Age	hrs	Client Info	29	395	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			ABNORMAL	NORMAL	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

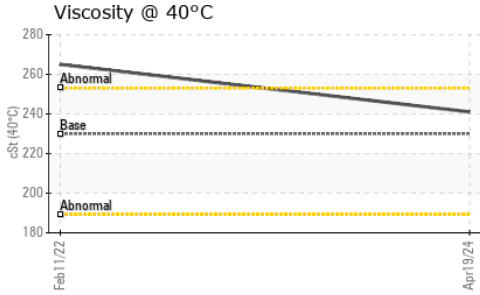
WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	151	37	---
Chromium	ppm	ASTM D5185m >10	2	<1	---
Nickel	ppm	ASTM D5185m >10	2	0	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	<1	<1	---
Aluminum	ppm	ASTM D5185m >25	2	<1	---
Lead	ppm	ASTM D5185m >50	2	<1	---
Copper	ppm	ASTM D5185m >200	6	5	---
Tin	ppm	ASTM D5185m >10	1	0	---
Antimony	ppm	ASTM D5185m >5	---	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	<1	0	---

ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 202	258	231	---
Barium	ppm	ASTM D5185m	<1	0	---
Molybdenum	ppm	ASTM D5185m	1	0	---
Manganese	ppm	ASTM D5185m	3	<1	---
Magnesium	ppm	ASTM D5185m	2	0	---
Calcium	ppm	ASTM D5185m	10	3	---
Phosphorus	ppm	ASTM D5185m 1209	1251	1343	---
Zinc	ppm	ASTM D5185m	7	4	---
Sulfur	ppm	ASTM D5185m 20439	25693	20442	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	34	8	---
Sodium	ppm	ASTM D5185m	0	2	---
Potassium	ppm	ASTM D5185m >20	2	0	---

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	▲ MODER	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

OIL ANALYSIS REPORT



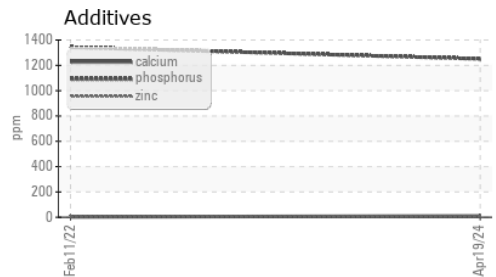
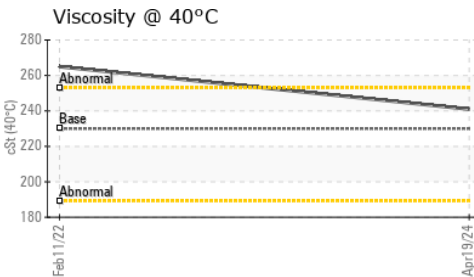
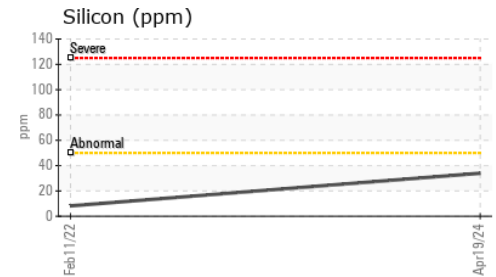
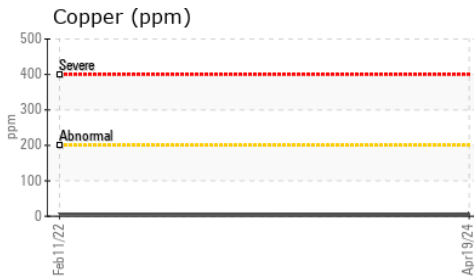
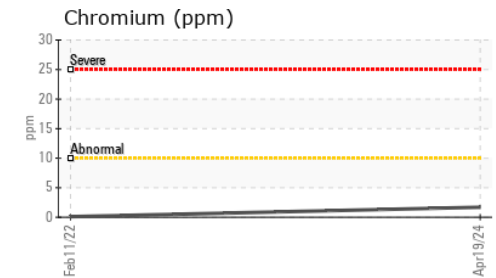
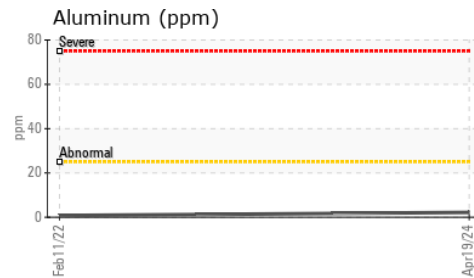
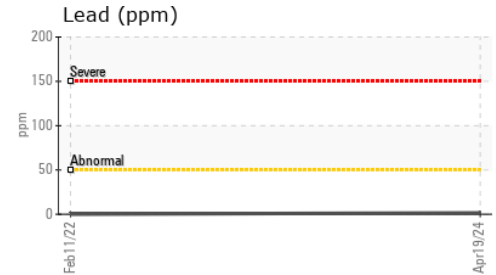
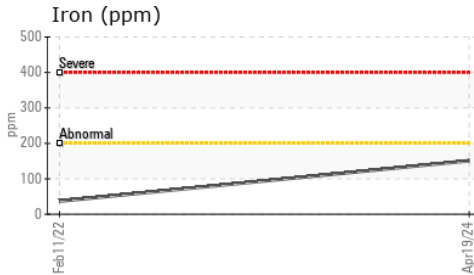
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	230	241	265

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0122094
Lab Number : 06159938
Unique Number : 10995361
Test Package : MOB 1

Received : 24 Apr 2024
Tested : 25 Apr 2024
Diagnosed : 26 Apr 2024 - Don Baldrige

K5 CONSTRUCTION CORPORATION
 6301 S EAST AVENUE
 HODGKINS, IL
 US 60525
 Contact: FRANCISCO MUNOZ
 francisco@k-five.net

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)

T:
F: