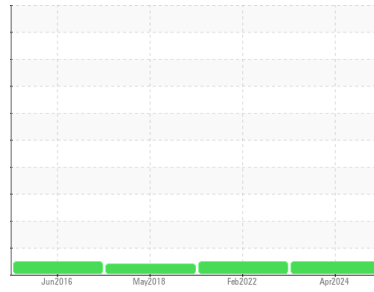


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
K5 CONSTRUCTION CORPORATION - HODGKINS IL
 Machine Id
2028
 Component
Front Left Planetary
 Fluid
LEAHY WOLF SYNMASTER 80W140 (1 hrs)

DIAGNOSIS

Recommendation

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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0122092	LW0004326	LWI-K94665
Sample Date	Client Info		19 Apr 2024	11 Feb 2022	01 May 2018
Machine Age	hrs	Client Info	5847	5818	5331
Oil Age	hrs	Client Info	29	395	1819
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	ABNORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	116	162	44
Chromium	ppm	ASTM D5185m >10	2	1	0
Nickel	ppm	ASTM D5185m >10	1	<1	0
Titanium	ppm	ASTM D5185m	<1	<1	0
Silver	ppm	ASTM D5185m	<1	0	0
Aluminum	ppm	ASTM D5185m >25	2	2	0
Lead	ppm	ASTM D5185m >25	3	3	0
Copper	ppm	ASTM D5185m >75	14	21	2
Tin	ppm	ASTM D5185m >10	2	2	0
Antimony	ppm	ASTM D5185m >5	---	<1	0
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

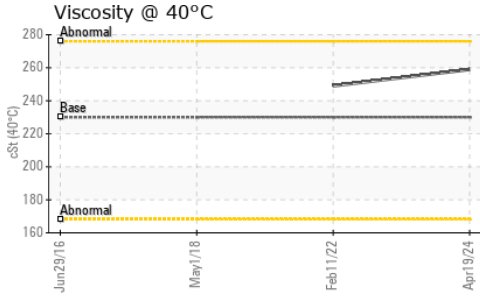
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 202	264	242	266
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	1	<1	0
Manganese	ppm	ASTM D5185m	3	2	0
Magnesium	ppm	ASTM D5185m	3	5	0
Calcium	ppm	ASTM D5185m	18	15	7
Phosphorus	ppm	ASTM D5185m 1209	1171	1314	1125
Zinc	ppm	ASTM D5185m	9	6	16
Sulfur	ppm	ASTM D5185m 20439	24291	20822	---
Lithium	ppm	ASTM D5185m	---	---	1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	15	17	7
Sodium	ppm	ASTM D5185m	0	2	0
Potassium	ppm	ASTM D5185m >20	15	13	0

OIL ANALYSIS REPORT



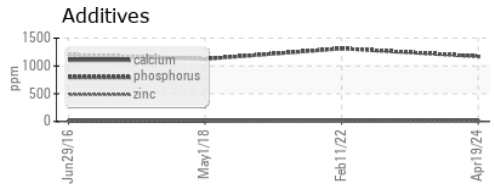
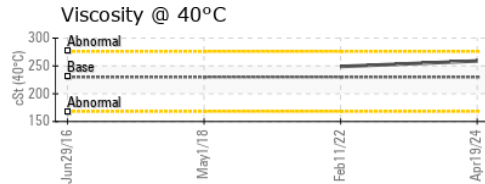
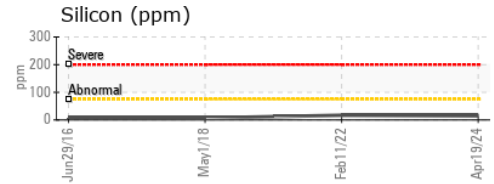
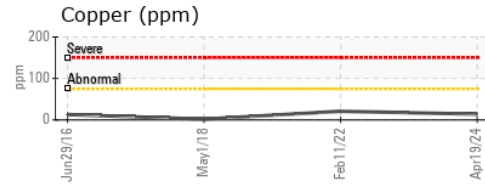
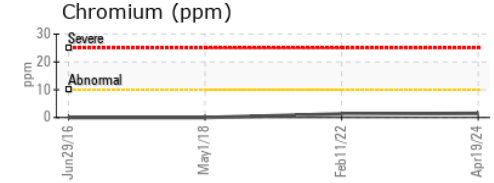
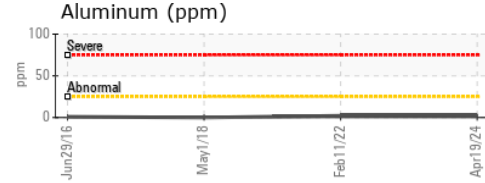
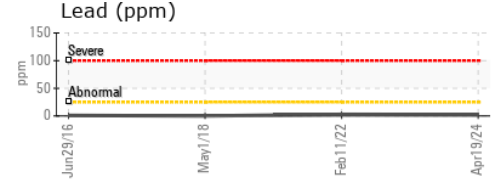
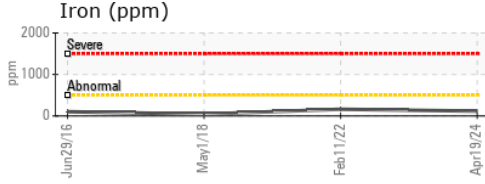
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	230	259	249

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0122092 **Received** : 24 Apr 2024
Lab Number : 06159940 **Tested** : 25 Apr 2024
Unique Number : 10995363 **Diagnosed** : 26 Apr 2024 - Don Baldrige
Test Package : MOB 1

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)