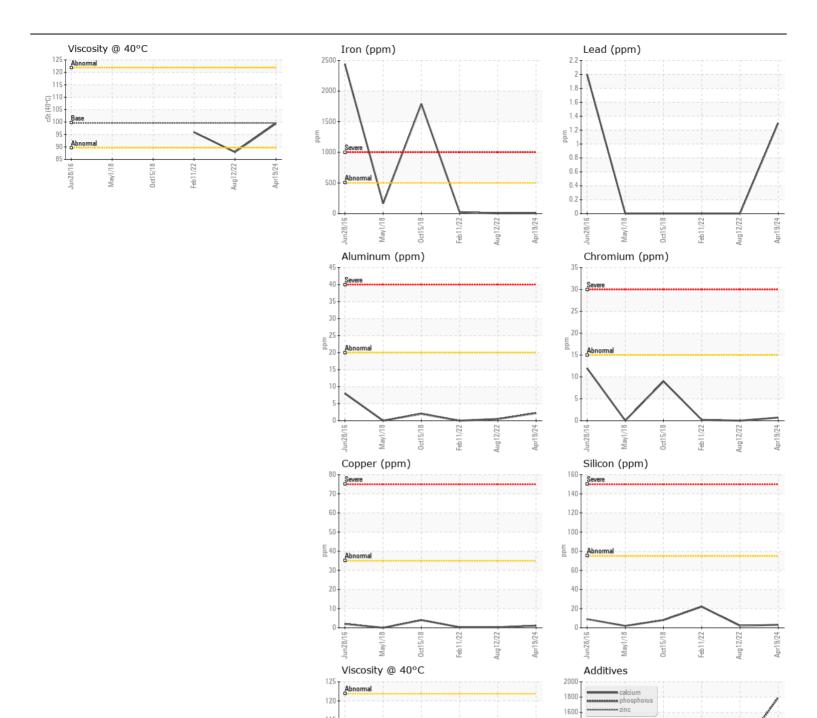
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

K5 CONSTRUCTION CORPORATION - HODGKINS IL

2028

Pump Drive

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0122091	LW0005038	LW0004328
Sample Date		Client Info		19 Apr 2024	12 Aug 2022	11 Feb 2022
Machine Age	hrs	Client Info		5847	5847	5818
Oil Age	hrs	Client Info		5847	29	134
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMA
Iron	ppm	ASTM D5185m	>500	5	4	25
Chromium				<1	0	<1
Nickel				1	<1	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	<1	0
Aluminum	ppm	ASTM D5185m	>20	2	<1	0
Lead	ppm	ASTM D5185m		1	0	0
Copper	ppm	ASTM D5185m	>35	1	<1	<1
Tin	ppm	ASTM D5185m	>4	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	3	2	22
Potassium	ppm	ASTM D5185m	>20	2	<1	2
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
	scalar					NORMI
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	<1	2
Boron	ppm	ASTM D5185m	328	372	280	249
Barium	ppm	ASTM D5185m	1	0	1	0
Molybdenum	ppm	ASTM D5185m		1	<1	<1
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm			5	2	4
Calcium	ppm			21	11	9
Phosphorus	ppm			1793	1104	1262
	ppm					13
Sulfur	ppm	ASTM D5185m	17909	32944	20024	19257
	Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	Sample Date Machine Age Oil Age hrs Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel ppm Titanium ppm Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Potassium Water Silt Silt Scalar Sand/Dirt Sand/Dirt Appearance Scalar Sodium Boron Barium Manganese Magnesium Potasp Manganese Magnesium Potasp Mars Mars Mars Mars Mars Mars Mars Mars	Sample Date Machine Age Nrs Client Info Oil Age Nrs Client Info Filter Age Nrs Client Info	Sample Date Machine Age Machine Age Machine Age Mrs Client Info Cil Age Mrs Client Info Filter Age Mrs Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m S100 Chromium ppm ASTM D5185m Silver ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar Visual NONE Silicon ppm ASTM D5185m VC Method S0.2 Silt scalar Visual NONE Sand/Dirt scalar Visual NONE Scalar Visual NONE Scalar Visual NONE Appearance scalar Scalar Visual NONE Appearance scalar Visual NONE Scalar Appearance scalar Appearance scalar Scalar Visual NONE Appearance scalar Appearance scalar Scalar Appearance scalar	Sample Date Client Info 19 Apr 2024 Machine Age hrs Client Info 5847 Oil Age hrs Client Info 5847 Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185m >500 5 Chromium ppm ASTM D5185m >15 <1	Sample Date Client Info 19 Apr 2024 12 Aug 2022 Machine Age hrs Client Info 5847 5847 Oil Age hrs Client Info 5847 29 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info N/A N/A Sample Status NORMAL N/A NORMAL Iron ppm ASTM D5185m >500 5 4 Chromium ppm ASTM D5185m >10 1 <1 Nickel ppm ASTM D5185m >10 1 <1 <1 Silver ppm ASTM D5185m >20 2 <1 <1 Aluminum ppm ASTM D5185m >20 2 <1 <1 Caper ppm ASTM D5185m >35 1 <1 <1 Vanadium ppm ASTM D5185m >4 1







Certificate L2367

Laboratory Sample No.

Lab Number : 06159941 Unique Number: 10995364

Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : PCA0122091 : 24 Apr 2024 **Tested** : 25 Apr 2024

Feb11/22

: 25 Apr 2024 - Wes Davis Diagnosed

Aug12/22

1400 1200

400

K5 CONSTRUCTION CORPORATION

Feb11/22

6301 S EAST AVENUE HODGKINS, IL US 60525

Contact: FRANCISCO MUNOZ

franciscom@k-five.net

T:

Aug12/22

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.

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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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