

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

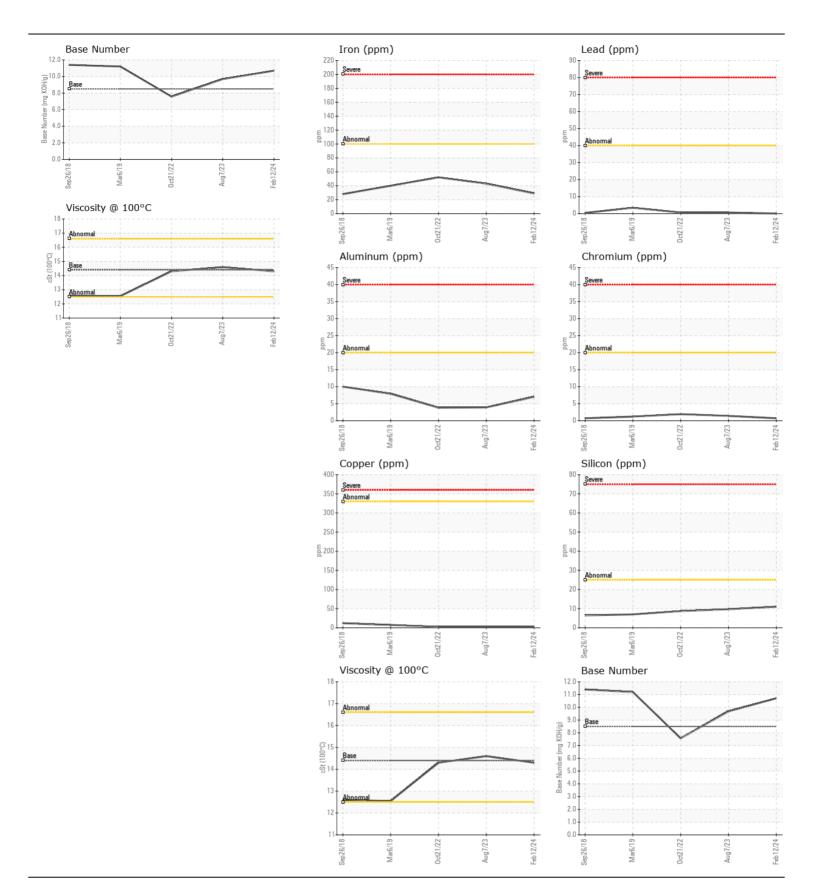
Area

SOUTH HOLLAND Machine Id

KENWORTH T370 MT0434

Component Diesel Engine

Test	HOM	Method	Limit/Δhn	Current	History1	History2
	OOW		LITTIU/ADIT		,	HPL000171
						21 Oct 2022
	hrs					187116
•						7400
	hrs			0	692	7400
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>100	29	43	52
Chromium		ASTM D5185m	>20	<1	1	2
Nickel				0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver		ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	7	4	4
Lead	ppm	ASTM D5185m	>40	0	<1	<1
Copper	ppm	ASTM D5185m	>330	2	2	2
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	11	10	9
Potassium		ASTM D5185m	>20	4	3	5
Fuel				<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>3	0.9	1.1	1.3
Nitration	Abs/cm	*ASTM D7624	>20	16.7	18.9	21.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	43.7	47.9	53.1
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
Odor	scalar			NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		1	2	3
Boron	ppm	ASTM D5185m	250	0	0	14
Barium	ppm	ASTM D5185m	10	0	0	0
Molybdenum	ppm	ASTM D5185m	100	634	564	535
Manganese	ppm	ASTM D5185m		0	<1	2
Magnesium	ppm	ASTM D5185m	450	974	1016	868
Calcium	ppm			2456	2706	2748
Phosphorus	ppm			928	1007	893
Zinc	ppm			1231	1309	1206
Sulfur	ppm			6919	8626	9869
Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414 ASTM D2896		50.1 10.70	53.4 9.68	53.7 7.57
	Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/.mm Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium calcium ppm Phosphorus Zinc ppm Pirs	Sample Number Sample Date Machine Age Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % ASSTM D7844 Nitration Abs/cm *ASTM D7624 Sulfation Abs/lmm *ASTM D5185m Appearance Scalar *Visual Appearance Scalar *Visual	Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Client Info Oil Changed Client Info Sample Status Sample Sta	Sample Number Client Info HPL0004569 Sample Date Client Info 12 Feb 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status N/A NORMAL Iron ppm ASTM D5185m >100 29 Chromium ppm ASTM D5185m >20 <1	Sample Number Client Info Client Info 12 Feb 2024 07 Aug 2023 07 Aug 2023







Certificate L2367

Laboratory Sample No.

: HPL0004569 Lab Number : 06087606 Unique Number : 10875051 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 13 Feb 2024 : 14 Feb 2024 **Tested**

: 14 Feb 2024 - Sean Felton Diagnosed

STEVENSON CRANE 410 STEVENSON DR BOLINGBROOK, IL US 60440

Contact: DAVE KOEHNE davidk@stevensoncrane.com

* - 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)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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