WEAR CONTAMINATION **FLUID CONDITION**

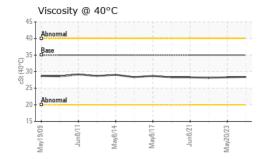
NORMAL NORMAL NORMAL

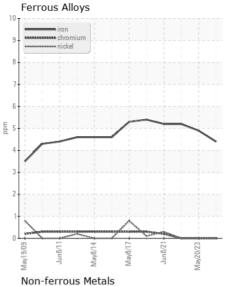
Machine Id

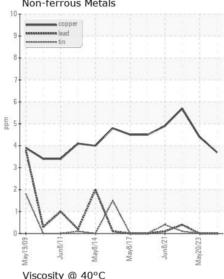
SUTPHEN LADDER-271

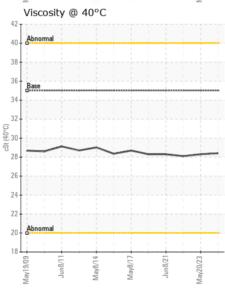
Left Hydraulic System

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0917766	WC0801366	WC063966
Sample Date		Client Info		17 Apr 2024	20 May 2023	22 May 202
Machine Age	hrs	Client Info		23304	2993	2853
Oil Age	hrs	Client Info		23304	23304	23304
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	>20	4	5	5
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>10	1	<1	3
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>75	4	4	6
Tin	ppm		>10	0	0	<1
	ppm			0	0	0
						NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	2	2	2
Potassium	ppm	ASTM D5185m	>20	0	1	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar		NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar					NORM
						NORM
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		3	3	<1
Boron	ppm	ASTM D5185m		88	93	84
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	1
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		0	4	<1
Calcium	ppm	ASTM D5185m		162	169	168
Phosphorus	ppm	ASTM D5185m		302	314	302
Zinc	ppm			152		156
Sulfur	ppm	ASTM D5185m		1509	1644	1371
	Sample Number 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 Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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 Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Manganese ppm Magnesium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Phosphorus ppm Phosphorus Zinc ppm	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Cilent Info Cilent Info Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Silicon ppm ASTM D5185m Vater WC Method Silt scalar Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual	Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Client Info Oil Age Nrs Client Info Client Info Filter Age Nrs Client Info Client Info Client Info Oil Changed Client Info Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Silver ppm ASTM D5185m White Metal scalar Yoisual NONE Yellow Metal Scalar Yoisual NONE Silt Scalar Scalar Visual NONE Silt Scalar ASTM D5185m ASTM	Sample Number Client Info WC0917766 Sample Date Client Info 17 Apr 2024 Machine Age hrs Client Info 23304 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status N/A NORMAL Iron ppm ASTM D5185m >20 4 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Value scalar "Visual	Sample Number Client Info WC0917766 WC0801366 Sample Date Client Info 17 Apr 2024 20 May 2023 Machine Age hrs Client Info 23304 2993 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info N/A N/A Oil Changed Client Info N/A N/A Filter Changed Client Info N/A N/A Sample Status NORMAL N/A N/A Iron ppm ASTM D5185m >20 4 5 Chromium ppm ASTM D5185m >10 0 0 Nickel ppm ASTM D5185m >10 0 0 Silver ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Lead ppm ASTM D5185m >10 0 0 Copper ppm ASTM D5185m <t< td=""></t<>











Laboratory Sample No.

Lab Number : 06176411 Unique Number : 11022464

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0917766

Diagnosed Test Package : FLEET

Received : 10 May 2024 **Tested** : 13 May 2024

: 13 May 2024 - Wes Davis

MARYSVILLE FIRE DEPARTMENT

209 SOUTH MAIN MARYSVILLE, OH US 43040

Contact: NATHAN BURNS

Submitted By: RANDY PRICE

Certificate L2367 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)

F:

T: (937)642-2065