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

**NORMAL NORMAL** NORMAL

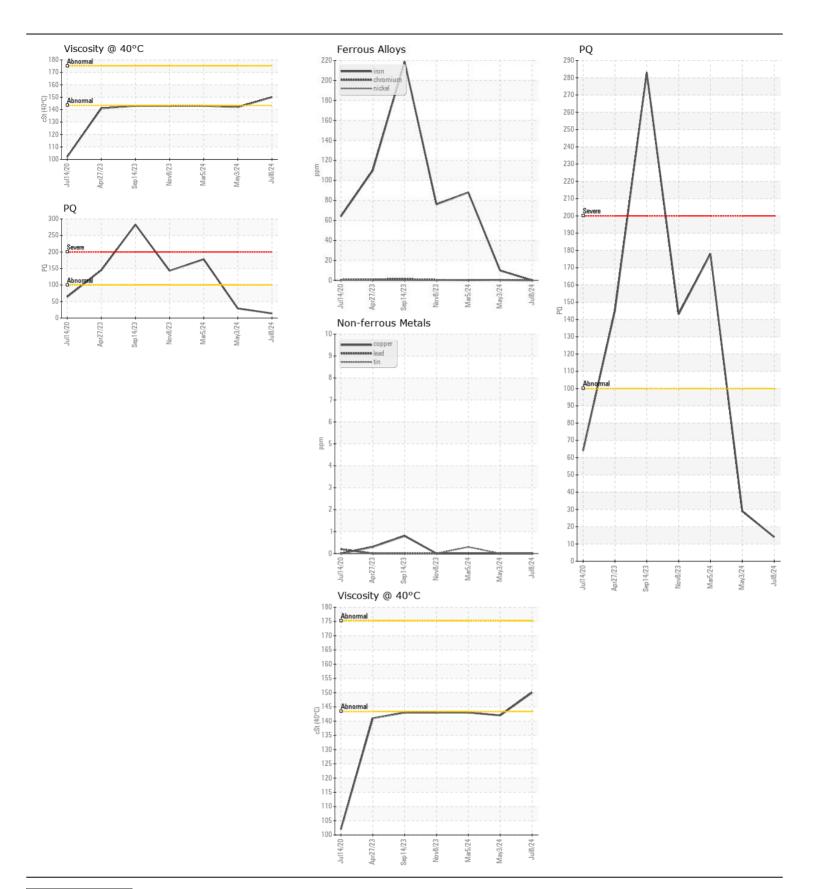
Machine Id

## **SAKAI SW880 VSW40-10125**

**Rear Drum Gearbox** 

IOUN DEEDE CL -5 80W00 (6 GAL)

Test Sample Number Sample Date Machine Age	UOM	Method Client Info	Limit/Abn	Current	History1	History2
Sample Date Machine Age		Client Info				
Machine Age				JR0222570	JR0212870	JR0202429
_		Client Info		08 Jul 2024	03 May 2024	05 Mar 202
	hrs	Client Info		10014	9767	9537
Oil Age	hrs	Client Info		0	230	8748
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184		14	29	178
Iron	ppm	ASTM D5185m	>200	0	10	88
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		0	2	1
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m		0	0	0
Tin	ppm	ASTM D5185m		0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m		1	2	5
Potassium	ppm	ASTM D5185m	>20	0	<1	1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	LIGHT
Debris	scalar	*Visual	NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
Odor	scalar	*Visual	NORML	NORML	NORML	NORMI
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		2	0	1
Boron	ppm	ASTM D5185m		8	3	47
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		2	2	1
Calcium	ppm	ASTM D5185m		4	8	7
Phosphorus	ppm	ASTM D5185m		2179	450	1839
Zinc	ppm	ASTM D5185m		0	5	8
Sulfur	ppm	ASTM D5185m		29198	23555	24684
Visc @ 40°C	cSt	ASTM D445		150	142	143
	Filter Changed Sample Status  PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	Filter Changed Sample Status  PQ 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 Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar  Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm Zinc ppm Sulfur ppm	Filter Changed Sample Status  PQ ASTM D8184  Iron ppm ASTM D5185m Chromium ppm ASTM D5185m  Nickel ppm ASTM D5185m  Titanium ppm ASTM D5185m  Silver ppm ASTM D5185m  Aluminum ppm ASTM D5185m  Copper ppm ASTM D5185m  Tin ppm ASTM D5185m  Vanadium ppm ASTM D5185m  Vanadium ppm ASTM D5185m  White Metal scalar *Visual  Yellow Metal scalar *Visual  Silicon ppm ASTM D5185m  Water WC Method  Silt scalar *Visual  Debris scalar *Visual  Sand/Dirt scalar *Visual  Appearance scalar *Visual  Sand/Dirt scalar *Visual  Sand/Dirt scalar *Visual  Sodium ppm ASTM D5185m  Boron scalar *Visual  Sodium ppm ASTM D5185m  Barium ppm ASTM D5185m  Manganese ppm ASTM D5185m  Manganesium ppm ASTM D5185m  Calcium ppm ASTM D5185m  Phosphorus ppm ASTM D5185m  Phosphorus ppm ASTM D5185m  Phosphorus ppm ASTM D5185m  ASTM D5185m  Phosphorus ppm ASTM D5185m  ASTM D5185m  ASTM D5185m  Phosphorus ppm ASTM D5185m  ASTM D5185m  ASTM D5185m  Phosphorus ppm ASTM D5185m	Filter Changed Sample Status  PQ ASTM D8184  Iron ppm ASTM D5185m >200  Chromium ppm ASTM D5185m >10  Nickel ppm ASTM D5185m >10  Titanium ppm ASTM D5185m >10  Titanium ppm ASTM D5185m >10  Titanium ppm ASTM D5185m ASTM D5185m  Aluminum ppm ASTM D5185m  Lead ppm ASTM D5185m  Copper ppm ASTM D5185m  Vanadium ppm ASTM D5185m  Vanadium ppm ASTM D5185m  White Metal scalar *Visual NONE  Yellow Metal scalar *Visual NONE  Silicon ppm ASTM D5185m  Potassium ppm ASTM D5185m  Band/Dirt scalar *Visual NONE  Sand/Dirt scalar *Visual NONE  Sand/Dirt scalar *Visual NORML  Codor scalar *Visual NORML  Emulsified Water scalar *Visual NORML  Emulsified Water scalar *Visual STM D5185m  Barium ppm ASTM D5185m  Barium ppm ASTM D5185m  Manganese ppm ASTM D5185m  Magnesium ppm ASTM D5185m  Calcium ppm ASTM D5185m  Calcium ppm ASTM D5185m  Phosphorus ppm ASTM D5185m  Zinc ppm ASTM D5185m  Zinc ppm ASTM D5185m  Zinc ppm ASTM D5185m	Filter Changed   Sample Status	Pitter Changed   Client Info   None   N/A   NORMAL







Laboratory Sample No. Unique Number : 11115920

: JR0222570 Lab Number : 06232427

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

**Tested** Diagnosed

: 10 Jul 2024 : 11 Jul 2024 : 11 Jul 2024 - Sean Felton

JRE - GARNER 4161 AUBURN CHURCH RD GARNER, NC

US 27529 Contact: RALEIGH SHOP

Test Package : CONST ( Additional Tests: PQ ) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

sean.betts@jamesriverequipment.com;catherine.anastasio@wearcheck.com T: (919)614-2260

\* - 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: (919)779-5432