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

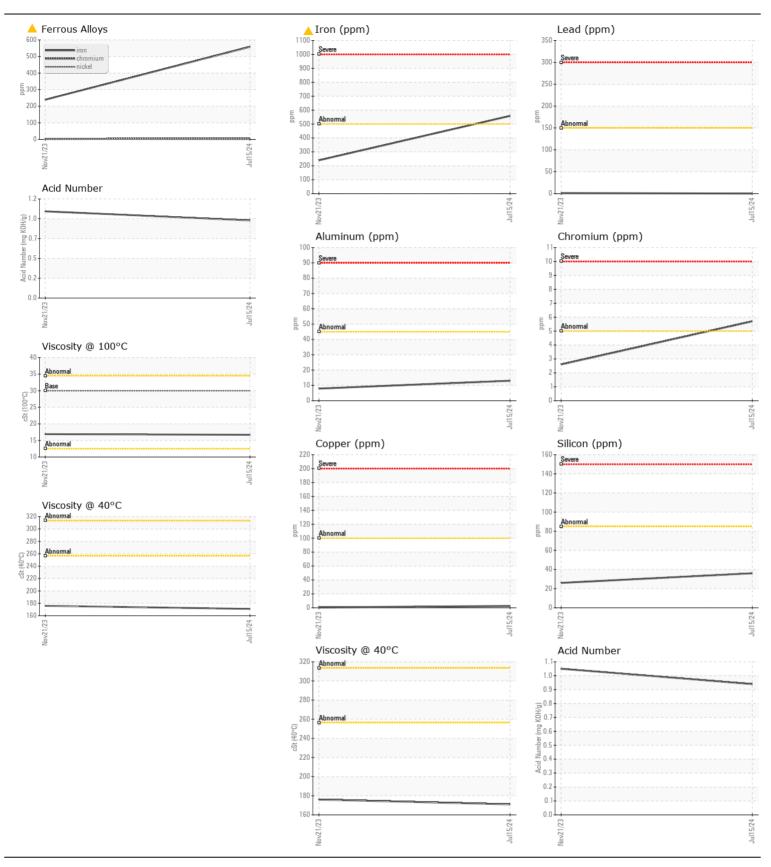
OIL ANALYSIS REPORT

Machine Id

89 Component

Transfer Case

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. Resample at the next service interval to monitor.	Sample Number	00	Client Info		TR0001651	TR0001193	
	Sample Date		Client Info		15 Jul 2024	21 Nov 2023	
	Machine Age	hrs	Client Info		2395	703	
	Oil Age	hrs	Client Info		2395	703	
	Filter Age	hrs	Client Info		0	0	
	Oil Changed	1110	Client Info		Not Changd	Not Changd	
	Filter Changed		Client Info		N/A	N/A	
	Sample Status		Oliciti IIIIo		ABNORMAL	NORMAL	
VEAR	Iron	ppm	ASTM D5185m	>500	▲ 558	239	
Gear wear is indicated. All other component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	6	3	
	Nickel	ppm	ASTM D5185m	>5	<1	2	
	Titanium	ppm	ASTM D5185m		<1	<1	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>45	13	8	
	Lead	ppm	ASTM D5185m	>150	0	1	
	Copper	ppm	ASTM D5185m	>100	3	<1	
	Tin	ppm	ASTM D5185m	>5	0	<1	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>85	36	26	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		50	45	
	Water	pp	WC Method	>0.2	NEG	NEG	
	Silt	scalar	*Visual	NONE	MODER	MODER	
	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	
FLUID CONDITION	Sodium		ASTM D5185m		22	18	
-LOID CONDITION	Boron	ppm	ASTM D5185m			8	
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.		ppm			14	0	
	Barium Molybdenum	ppm	ASTM D5185m ASTM D5185m		2	<1	
	Manganese	ppm	ASTM D5185m		8	4	
	Magnesium	ppm	ASTM D5185m		30	30	
	Calcium	ppm	ASTM D5185m		2329	2092	
	Phosphorus	ppm	ASTM D5185m		848		
	Zinc	ppm	ASTM D5185m		1017	805 971	
	Sulfur	ppm	ASTM D5185m		6393	5241	
	Acid Number (AN)	ppm ma KOU/a	ASTM D5185m		0.94	1.05	
	Visc @ 40°C	mg KOH/g cSt	ASTM D8045 ASTM D445		0.94 171	1.05	
	VISC @ 40°C	COL	A3 1 W D445		171		
	Vino @ 10000	o€+	A CTM DAAF	20	167	16.0	
	Visc @ 100°C Viscosity Index (VI)	cSt	ASTM D445 ASTM D2270		16.7 102	16.9 101	





Certificate L2367

Laboratory Sample No.

Lab Number : 06239627

: TR0001651 Unique Number : 11128461

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

: 17 Jul 2024 : 18 Jul 2024 Diagnosed Test Package : MOB 2 (Additional Tests: KV100, VI)

: 19 Jul 2024 - Don Baldridge

S S CONCRETE MATERIALS LLC P.O. BOX 23283 BULLHEAD CITY, AZ

Submitted By: SNS INVENTORY

US 86439 Contact: SNS INVENTORY snsinventory@yahoo.com

To discuss this sample report, contact Customer Service at 1-800-827-0711. * - 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: (928)754-1991

T: