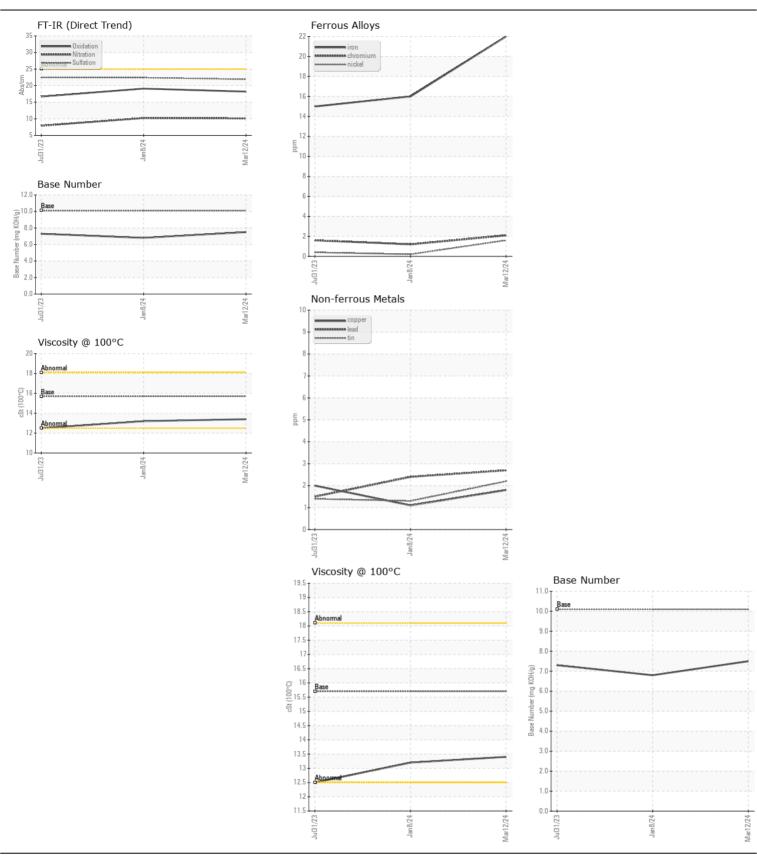
WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

Machine Id 2318

Component
Diesel Engine

ECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		WC0900500	WC0871363	WC082899
	Sample Date		Client Info		12 Mar 2024	08 Jan 2024	31 Jul 202
	Machine Age	mls	Client Info		111019	0	54385
	Oil Age	mls	Client Info		20000	20000	20000
	Filter Age	mls	Client Info		20000	20000	20000
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
/EAR	Iron	ppm	ASTM D5185m	>100	22	16	15
	Chromium	ppm	ASTM D5185m	>20	2	1	2
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>4	2	<1	<1
	Titanium	ppm	ASTM D5185m		<1	0	<1
	Silver	ppm	ASTM D5185m	>3	<1	0	<1
	Aluminum	ppm	ASTM D5185m	>20	10	7	21
	Lead	ppm	ASTM D5185m	>40	3	2	2
	Copper	ppm	ASTM D5185m	>330	2	1	2
	Tin	ppm	ASTM D5185m	>15	2	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
ONTAMINATION	Silicon	ppm	ASTM D5185m	>25	12	8	8
ONTAMINATION	Potassium	ppm	ASTM D5185m		18	15	46
There is no indication of any contamination in the oil.	Fuel	ppiii	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	7 U.L	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.4	0.3	0.2
	Nitration	Abs/cm	*ASTM D7624	>20	10.1	10.2	7.9
	Sulfation	Abs/.1mm	*ASTM D7415		21.9	22.4	22.5
	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	*Visual	NORML	NORML	NORML	NORM
	Emulsified Water		*Visual	>0.2	NEG	NEG	NEG
LUID CONDITION	Co alia		ACTM DE10E		4	4	
FLUID CONDITION	Sodium	ppm	ASTM D5185m	216	4	4	2
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m		40	30	183
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m	1.2	80	59	123
	Manganese	ppm	ASTM D5185m	0.4	1	<1	1
	Magnesium	ppm	ASTM D5185m		676	525	647
	Calcium	ppm	ASTM D5185m ASTM D5185m		2226	1566	1479
	Phosphorus	ppm	ASTM D5185m		1500	1026	691
	Zinc	ppm	ASTM D5185m		1707 4575	1240	856
	Sulfur	ppm Abo/ 1mm			4575	2992	2910
	Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414 ASTM D2896		18.2 7.5	19.1 6.8	16.7 7.3
	pase number (RN)	IIIU NUM/0	HO LIVI DZ896	IU.	7.5	0.0	1.3







Certificate L2367

Laboratory Sample No.

Lab Number : 06156763 Unique Number : 10992186 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0900500 Received : 22 Apr 2024 **Tested** : 23 Apr 2024

Diagnosed : 24 Apr 2024 - Sean Felton Ergon Trucking Inc. - MAR605

35020 State Route 7 Marietta, OH US 45768-5236 Contact: JASON JULIAN

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)

T: F: