WEAR CONTAMINATION **FLUID CONDITION**

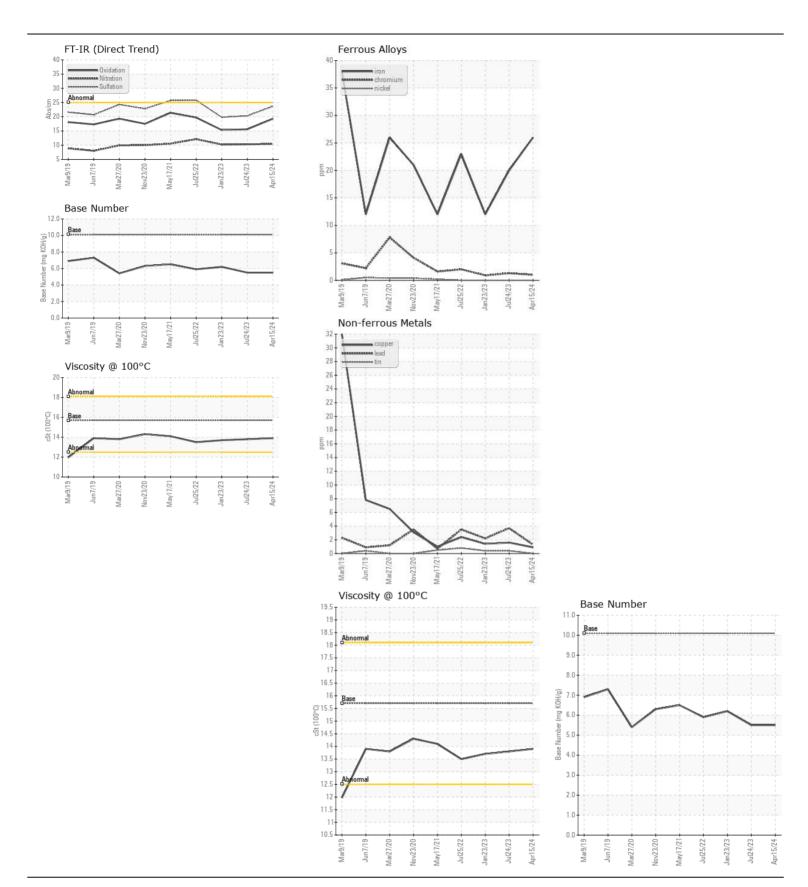
NORMAL **NORMAL NORMAL**

Machine Id

INTERNATIONAL 108679

Component
Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		IL0033013	IL0027458	IL002739
	Sample Date		Client Info		15 Apr 2024	24 Jul 2023	23 Jan 202
	Machine Age	mls	Client Info		268825	234039	213861
	Oil Age	mls	Client Info		29786	25178	21556
	Filter Age	mls	Client Info		29786	25178	21556
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
A/E A B			ACTM DE105	00	00	00	10
WEAR	Iron	ppm	ASTM D5185m		26	20 1	12
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		1	·	<1
	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium Silver	ppm	ASTM D5185m		0	0	0
		ppm	ASTM D5185m		0	<1	0
	Aluminum	ppm	ASTM D5185m		6	5 4	4
	Lead	ppm	ASTM D5185m ASTM D5185m		1		2
	Copper Tin	ppm	ASTM D5185m		<1 0	2 <1	<1
	Vanadium	ppm	ASTM D5185m	>10	0	0	0
	White Metal	ppm scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
<u></u>			visuai		·····	INOINL	INOINE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	4	4	4
The same to the distribution of a supersystem to the same of	Potassium	ppm	ASTM D5185m	>20	15	8	8
There is no indication of any contamination in the oil.	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>6	0.6	0.4	0.3
	Nitration	Abs/cm	*ASTM D7624	>20	10.4	10.3	10.2
	Sulfation	Abs/.1mm	*ASTM D7415	>30	23.7	20.3	19.8
	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	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		2	<1	1
LOID CONDITION	Boron	ppm	ASTM D5185m	316	54	31	41
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		27	93	91
	Manganese	ppm	ASTM D5185m	1.2	0	<1	<1
	Magnesium	ppm	ASTM D5185m	24	151	32	52
	Calcium	ppm	ASTM D5185m		2197	2235	2282
	Phosphorus	ppm	ASTM D5185m		1012	1004	1067
	Zinc	ppm	ASTM D5185m		1265	1204	1292
	Sulfur	ppm	ASTM D5185m		4055	3805	3888
	Oxidation	Abs/.1mm	*ASTM D7414		19.3	15.6	15.3
	Base Number (BN)				5.5	5.5	6.2







Certificate L2367

Laboratory Sample No.

Lab Number : 06160048 Unique Number : 10995471

: IL0033013 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024 **Tested** : 26 Apr 2024

Diagnosed : 26 Apr 2024 - Sean Felton **IDEALEASE OF NORTHWEST WI** 611 HANSEN ROAD

GREEN BAY, WI US 54304

Contact: GARY KOLTZ gkoltz@pcitrucks.com

T: (920)499-6200 F: (920)499-5332

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)