

WEAR CONTAMINATION **FLUID CONDITION**

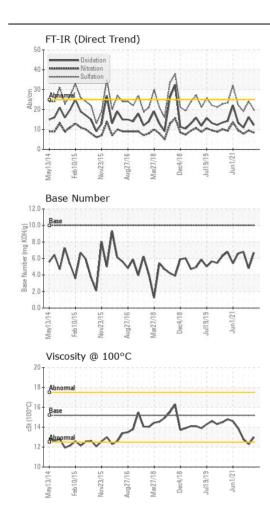
NORMAL NORMAL NORMAL

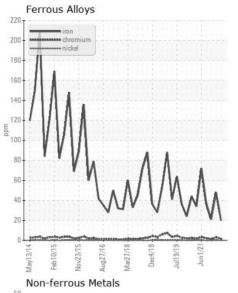
Area [**Z20326**]

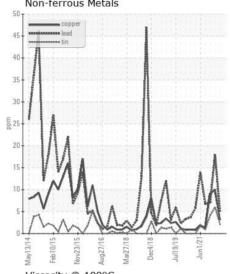
KENWORTH TLL 6

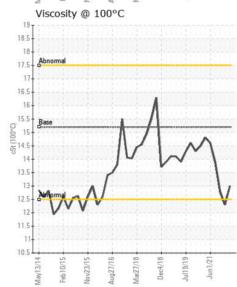
Front Diesel Engine

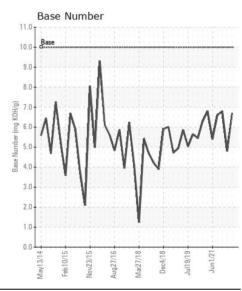
ECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		WC05892628	WC05781628	WC0553493
	Sample Date		Client Info		30 May 2023	07 Feb 2023	20 Apr 202
	Machine Age	kms	Client Info		1559561	539742	497211
	Oil Age	kms	Client Info		33247	95841	53310
	Filter Age	kms	Client Info		0	0	53310
	Oil Changed		Client Info		Changed	Changed	Not Chang
	Filter Changed		Client Info		N/A	N/A	Changed
	Sample Status				NORMAL	ABNORMAL	ABNORMA
/EAR	Iron	ppm	ASTM D5185m	>165	20	48	21
	Chromium	ppm	ASTM D5185m		1	3	1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	<1	0
	Titanium	ppm	ASTM D5185m		0	<1	<1
	Silver	ppm	ASTM D5185m		0	<1	0
	Aluminum	ppm	ASTM D5185m		3	5	4
	Lead	ppm	ASTM D5185m		5	18	7
	Copper	ppm	ASTM D5185m		3	10	9
	Tin	ppm	ASTM D5185m		2	6	4
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
ONTAMINATION	Silicon		ACTM DE10Em	. 05	47	A 40	A F0
CONTAMINATION	Potassium	ppm	ASTM D5185m ASTM D5185m		17 2	42	<u>^</u> 58
There is no indication of any contamination in the oil.	Fuel	ppm	WC Method		<1.0	△ 2.4	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	>0.2	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	·75	0.5	0.9	0.4
	Nitration	Abs/cm	*ASTM D7624	>20	8.4	9.5	7.8
	Sulfation	Abs/.1mm	*ASTM D7024		19.8	24.1	19.1
	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	Sodium	ppm	ASTM D5185m		4	16	21
he BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		2	3	1
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m	0.0	<1	2	2
	Manganese	ppm	ASTM D5185m		<1	2	2
	Magnesium	ppm	ASTM D5185m		17	25	22
	Calcium	ppm	ASTM D5185m		2377	2185	2092
	Phosphorus	ppm	ASTM D5185m		923	819	834
	Zinc	ppm	ASTM D5185m		1107	981	975
	Sulfur	ppm	ASTM D5185m		4388	3320	2694
	Oxidation	Abs/.1mm	*ASTM D7414	>25	12.2	16.2	10.9
	Base Number (BN)		AOTH DOGG	400	6.7	4.8	6.8













Certificate L2367

Laboratory Sample No.

: WC05892628 Lab Number : 05892628 Unique Number : 10548438 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 07 Jul 2023 **Tested**

: 10 Jul 2023 Diagnosed

: 10 Jul 2023 - Wes Davis

81 HEWLETTS RD MOUNT MAUNGANUI, ZZ NΖ

TRANZLIQUID

Contact: AARON LOYE aaron@truckline.co.nz T:

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)

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