

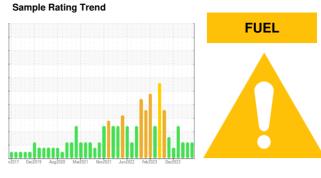
OIL ANALYSIS REPORT



Machine Id **NEW FLYER 1103** ompone

Diesel Engine Fluid

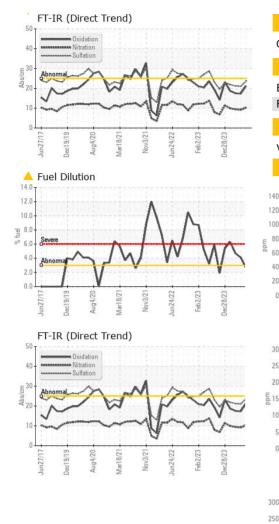
SAFETY-KLEEN PERFORMANCE PLUS XHD-7 15W40 (--- GAL)

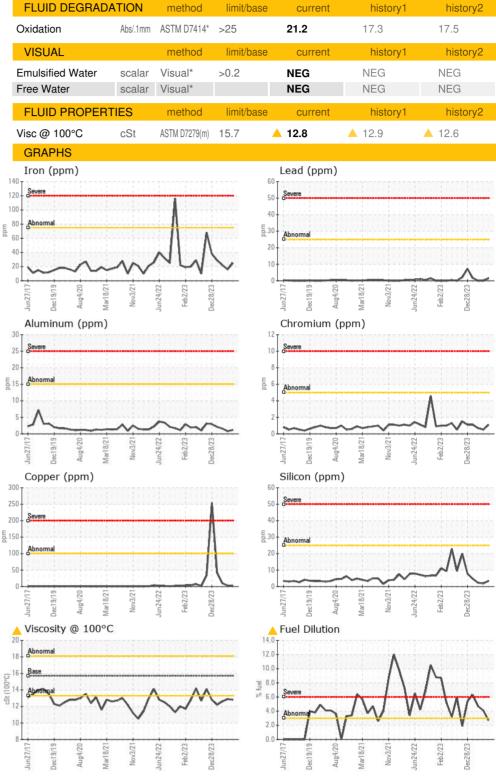


DIAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0937225	WC0937359	WC0890881
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.	Sample Date		Client Info		30 Jun 2024	10 May 2024	21 Mar 2024
	Machine Age	kms	Client Info		868057	855897	846782
	Oil Age	kms	Client Info		0	0	0
	Oil Changed		Client Info		Changed	N/A	N/A
/ear Il component wear rates are normal.	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Contamination	CONTAMINATIO	N	method	limit/base	current	history1	history2
Light fuel dilution occurring. No other contaminants were detected in the oil.	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
Fluid Condition The condition of the oil is acceptable for the time in service.	WEAR METALS		method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185(m)	>75	25	16	22
	Chromium	ppm	ASTM D5185(m)	>5	1	<1	<1
	Nickel	ppm	ASTM D5185(m)	>4	0	0	0
	Titanium	ppm	ASTM D5185(m)	>2	0	0	0
	Silver	ppm	ASTM D5185(m)	>2	0	0	0
	Aluminum	ppm	ASTM D5185(m)		1	<1	2
	Lead	ppm	ASTM D5185(m)	>25	2	0	0
	Copper	ppm	ASTM D5185(m)	>100	2	3	10
	Tin	ppm	ASTM D5185(m)		0	0	0
	Antimony	ppm	ASTM D5185(m)		0	0	0
	Vanadium	ppm	ASTM D5185(m)		0	0	0
	Beryllium	ppm	ASTM D5185(m)		0	0	0
	Cadmium	ppm	ASTM D5185(m)		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185(m)		1	<1	<1
	Barium	ppm	ASTM D5185(m)		0	0	0
	Molybdenum	ppm	ASTM D5185(m)		59	58	56
	Manganese		ASTM D5185(m)		<1	<1	0
	Manganese	ppm	ASTM D5185(m)		< 1 960	940	928
	Calcium	ppm	ASTM D5185(m)		1020	1004	920
	Phosphorus	ppm	ASTM D5185(m) ASTM D5185(m)		981	946	970
	Zinc	ppm	ASTM D5185(m)		1204	1140	1150
	Sulfur	ppm	ASTM D5185(m)		2376	2318	2217
	Lithium	ppm	ASTM D5185(m)		<1	<1	<1
	CONTAMINANTS	ppm	method	limit/base		< 1 history1	<1 history2
	Silicon	ppm	ASTM D5185(m)		3	2	2
	Sodium	ppm	ASTM D5185(m)		4	2	3
	Potassium	ppm	ASTM D5185(m)	>20	- <1	<1	<1
	Fuel	%	ASTM D3103(III) ASTM D7593*		<u> </u>	4.1	4.7
	INFRA-RED		method	limit/base		history1	history2
	Soot %	%	ASTM D7844*		0.8	0.6	0.7
		/0	A0 HVI D7044	~0	0.0	0.0	0.7
	Nitration	Abc/om	ASTM D7624*	>20	10.2	9.2	9.4



OIL ANALYSIS REPORT





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CITY OF HAMILTON** CALA 2200 UPPER JAMES,, MOUNTAIN TRANSIT STOREROOM Sample No. : WC0937225 Received : 05 Jul 2024 Lab Number : 02645777 Tested : 08 Jul 2024 MOUNT HOPE, ON ISO 17025:2017 Accredited Unique Number : 5803316 Diagnosed : 08 Jul 2024 - Wes Davis CA LOR 1W0 Laboratory Test Package : MOB 1 (Additional Tests: PercentFuel) Contact: Jeff Parr To discuss this sample report, contact Customer Service at 1-800-268-2131. jeff.parr@hamilton.ca Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (905)546-2424 Validity of results and interpretation are based on the sample and information as supplied. F: (905)679-4502

to

Report Id: HAMHAM [WCAMIS] 02645777 (Generated: 07/08/2024 08:18:53) Rev: 1

Contact/Location: Jeff Parr - HAMHAM

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