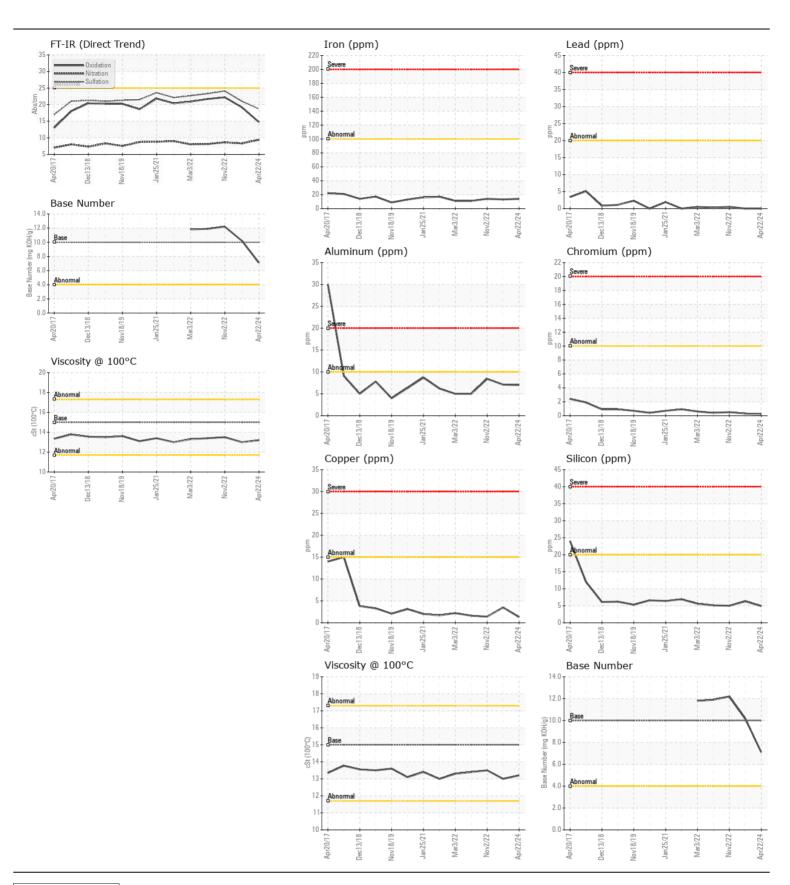


Machine Id **VOLVO L110H 631237**

Diesel Engine

Task	11044	Madle	Line St. / Alle.	(0	I Baka mid	I links in O
	UOM		Limit/Abn		,	History2
						VCP388913
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9						8131
						500
_	IIIS					Changed
-					_	Changed
Sample Status		Ollerit IIIIO		NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>100	14	13	14
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm		>10	0	0	0
Titanium	ppm	ASTM D5185m		0	1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	7	7	8
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>15	1	4	1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	5	6	5
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Fuel		WC Method	>6.0	<1.0	<1.0	<1.0
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>3	0.4	0.3	0.5
Nitration	Abs/cm	*ASTM D7624	>20	9.4	8.3	8.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.7	21.0	24.1
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	NORMI
	scalar		NORML	NORML		NORMI
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		2	4	2
	ppm					32
	ppm					0
-	ppm					41
_	ppm					<1
•	ppm					508
						1741
•	ppm					928
	ppm					1120
	ppm					3471
	Abs/.1mm	*ASTM D7414	>25	14.7	19.2	22.2
Oxidation						
Base Number (BN) Visc @ 100°C			10	7.1 13.2	10.2 13.0	12.2 13.5
	Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm	Sample Number Sample Date Machine Age Nrs Client Info Client Info Oil Age Nrs Client Info	Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Client Info Iron ppm ASTM D5185m >10 Chromium ppm ASTM D5185m >10 Chromium ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >2 Aluminum ppm ASTM D5185m >20 Copper ppm ASTM D5185m >10 Lead ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >20 Valuadium ppm ASTM D5185m >20 Valuadium ppm ASTM D5185m >20	Sample Number Client Info VCP444056 Sample Date Client Info 22 Apr 2024 Machine Age hrs Client Info 10448 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >100 Chromium ppm ASTM D5185m >10 <1	Sample Number Client Info Sample Date Client Info 22 Apr 2024 06 Sep 2023







Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06178305

: VCP444056 Unique Number : 11029631

Received **Tested**

: 14 May 2024 : 14 May 2024 Diagnosed Test Package : MOB 1 (Additional Tests: TBN)

: 14 May 2024 - Wes Davis

RIPA AND ASSOCIATES 10149 FISHER AVENUE TAMPA, FL US 33619

Contact: PM Services PMServices@ripaconstruction.com 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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