



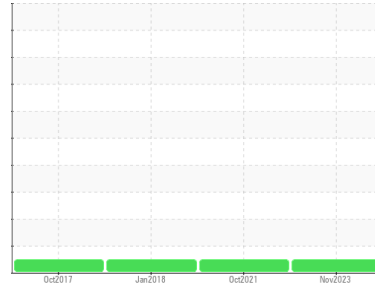
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
WMR-Salt Lake City
 Machine Id
VOLVO L150H 5394
 Component
Rear Axle
 Fluid
VOLVO WB 102 (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		DJJ0015296	VCP216772	DJJ013523
Sample Date	Client Info		13 Nov 2023	21 Oct 2021	23 Jan 2018
Machine Age	hrs	Client Info	14611	10492	2409
Oil Age	hrs	Client Info	2100	2370	1000
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>500	45	63	150
Chromium	ppm	ASTM D5185m	>20	<1	<1	5
Nickel	ppm	ASTM D5185m	>10	0	0	1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>30	1	1	<1
Lead	ppm	ASTM D5185m	>50	0	<1	<1
Copper	ppm	ASTM D5185m	>120	6	<1	1
Tin	ppm	ASTM D5185m	>20	0	<1	0
Antimony	ppm	ASTM D5185m	>5	---	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	<1

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		25	150	110
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	<1	10
Manganese	ppm	ASTM D5185m		<1	<1	9
Magnesium	ppm	ASTM D5185m		11	18	11
Calcium	ppm	ASTM D5185m		2770	4354	3874
Phosphorus	ppm	ASTM D5185m		1059	1392	1275
Zinc	ppm	ASTM D5185m		1185	1796	1367
Sulfur	ppm	ASTM D5185m		4530	3728	4644

CONTAMINANTS

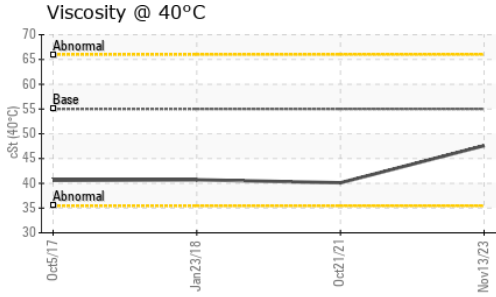
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	10	14	13
Sodium	ppm	ASTM D5185m		0	8	2
Potassium	ppm	ASTM D5185m	>20	2	<1	<1

VISUAL

	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	VLITE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
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	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



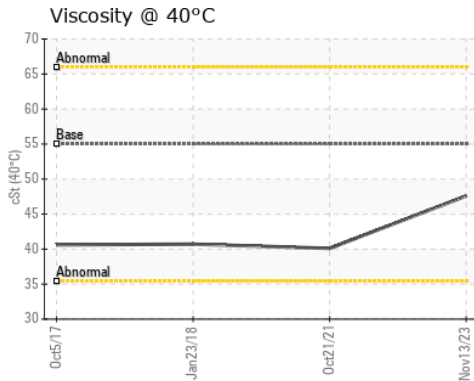
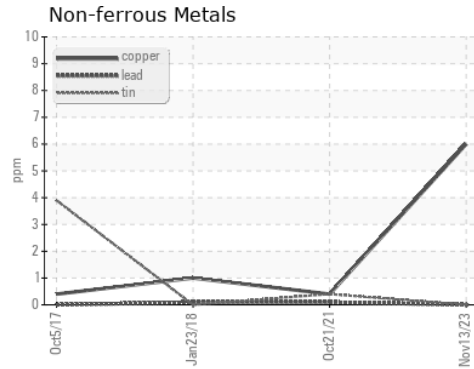
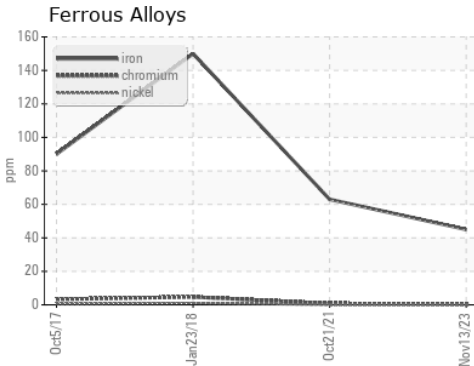
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 55	47.6	40.1	40.71

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DJJ0015296 **Received** : 20 Nov 2023
Lab Number : 06012821 **Diagnosed** : 22 Nov 2023
Unique Number : 10751965 **Diagnostician** : Sean Felton
Test Package : CONST

WESTERN METALS RECYCLING - SALT LAKE CITY
 4221 WEST 700 SOUTH
 SALT LAKE CITY, UT
 US 84104
 Contact: TIMOTHY SHEFFIELD
 timothy.sheffield@wmrecycling.com
 T: (801)373-4225
 F: (801)975-9590

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)