



CONSTRUCTION EQUIPMENT

VOLVO L110H 631951 - TRANSMISSION (AUTO)



Sample No: VCP454422

Oil Type: DIESEL ENGINE OIL SAE 15W40

Job No:



SAMPLE INFORMATION

Sample Number	VCP454422	VCP415589	VCP390683	VCP312776
Sample Date	10 Jan 2024	21 Jul 2023	22 Sep 2022	17 Dec 2021
Machine Hours	2989	2484	1413	908
Oil Hours	0	0	500	908
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	26.3	26.4	26.6	27.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	10	9	10
Sodium	ppm	<1	5	2	2
Potassium	ppm	3	<1	<1	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	84	61	52	45
Copper	ppm	8	6	6	6
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	4	4	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	6	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	86	74	73	74
Magnesium	ppm	2	3	0	2
Zinc	ppm	19	21	25	27
Phosphorus	ppm	164	142	138	150
Barium	ppm	12	4	4	5
Boron	ppm	54	52	55	58

Depot: RIPTAM
Unique No: 10863808
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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GRAPHS

