



CONSTRUCTION EQUIPMENT

701681 VOLVO L110H 631226 - FRONT AXLE



Sample No: VCP447471
Oil Type: VOLVO WB 102
Job No: 701681



SAMPLE INFORMATION

Sample Number	VCP447471	VCP410371	VCP274711	VCP248063
Sample Date	20 May 2024	11 Apr 2023	13 Jul 2020	18 Jun 2019
Machine Hours	13441	11460	5614	3949
Oil Hours	2000	2096	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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

OIL CONDITION

Visc @ 40°C	cSt	41.7	41.5	39.6	39.9
-------------	-----	-------------	------	------	------

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	12	<1	14
Sodium	ppm	11	8	0	6
Potassium	ppm	0	0	0	<1

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

WEAR METALS

Iron	ppm	322	192	14	805
Copper	ppm	2	<1	0	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	0	0
Chromium	ppm	5	3	<1	16
Molybdenum	ppm	2	2	<1	<1
Nickel	ppm	0	0	<1	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	<1	13
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	3732	3603	201	3955
Magnesium	ppm	27	21	<1	13
Zinc	ppm	1511	1576	66	1506
Phosphorus	ppm	1257	1317	56	1299
Barium	ppm	0	0	0	0
Boron	ppm	118	132	6	112

Depot: RIPTAM
Unique No: 11087955
Signed: Wes Davis
Report Date: 20 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

