



CONSTRUCTION EQUIPMENT

529257 VOLVO L90H 625378 - REAR AXLE



Sample No: VCP443721
Oil Type: VOLVO WB 102
Job No: 529257



SAMPLE INFORMATION

Sample Number	VCP443721	VCP427198	VCP399029	VCP346482
Sample Date	05 Apr 2024	03 Aug 2023	27 Jan 2023	18 Jul 2022
Machine Hours	7764	5525	4638	3605
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FORESTRY RESOURCES

4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: COREY MUELLER



OIL CONDITION

Visc @ 40°C	cSt	44.4	43.3	52.0	43.3
-------------	-----	-------------	------	------	------

T: (239)872-1856
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	15	13	15
Sodium	ppm	1	0	3	6
Potassium	ppm	0	1	0	2

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	32	43	30	115
Copper	ppm	3	7	7	22
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	<1	1	1
Aluminum	ppm	<1	3	1	2
Chromium	ppm	0	<1	<1	2
Molybdenum	ppm	3	1	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	0	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4246	3998	3432	3939
Magnesium	ppm	38	20	16	28
Zinc	ppm	1704	1541	1436	1616
Phosphorus	ppm	1394	1289	1184	1295
Barium	ppm	0	0	0	2
Boron	ppm	134	140	118	153

Depot: FORFORTFL
Unique No: 10969501
Signed: Wes Davis
Report Date: 11 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

