



CONSTRUCTION EQUIPMENT

529257 VOLVO L90H 625378 - FRONT AXLE



Sample No: VCP443727
Oil Type: VOLVO WB 102
Job No: 529257



SAMPLE INFORMATION

Sample Number	VCP443727	VCP427160	VCP368652	VCP356916
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	47.3	43.5	47.1	43.6
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T: (239)872-1856
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	15	15	14
Sodium	ppm	1	0	3	7
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	40	36	30	79
Copper	ppm	<1	1	1	5
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	2	1	2
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	3	1	<1	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4455	3933	3793	3879
Magnesium	ppm	39	20	19	27
Zinc	ppm	1788	1507	1495	1603
Phosphorus	ppm	1441	1286	1183	1278
Barium	ppm	0	0	0	2
Boron	ppm	139	138	128	141

Depot: FORFORTFL
Unique No: 10969500
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

