



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - FRONT AXLE



Sample No: VCP442891
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP442891	VCP436344	VCP418080	VCP393443
Sample Date	02 Feb 2024	05 Dec 2023	06 Sep 2023	05 Jun 2023
Machine Hours	13240	13014	12744	12465
Oil Hours	1226	1013	744	465
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.7	51.8	52.6	53.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	12	13	11
Sodium	ppm	<1	0	4	2
Potassium	ppm	0	1	2	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	29	22	17	11
Copper	ppm	0	<1	2	0
Lead	ppm	0	<1	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	5	5	5	5
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3246	3247	3229	3362
Magnesium	ppm	41	18	41	40
Zinc	ppm	1294	1425	1321	1417
Phosphorus	ppm	958	1007	1070	1139
Barium	ppm	0	0	0	0
Boron	ppm	88	98	85	91

Depot: MARDIC
Unique No: 10875200
Signed: Wes Davis
Report Date: 14 Feb 2024



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VOLVO GRAPHS

