



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - FRONT AXLE



Sample No: VCP436344
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP436344	VCP418080	VCP393443	VCP405047
Sample Date	05 Dec 2023	06 Sep 2023	05 Jun 2023	24 Mar 2023
Machine Hours	13014	12744	12465	12252
Oil Hours	1013	744	465	251
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	51.8	52.6	53.8	54.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	11	12
Sodium	ppm	0	4	2	2
Potassium	ppm	1	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	22	17	11	6
Copper	ppm	<1	2	0	0
Lead	ppm	<1	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	5	5	5	6
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3247	3229	3362	3251
Magnesium	ppm	18	41	40	43
Zinc	ppm	1425	1321	1417	1348
Phosphorus	ppm	1007	1070	1139	1081
Barium	ppm	0	0	0	0
Boron	ppm	98	85	91	91

Depot: MARDIC
Unique No: 10779863
Signed: Wes Davis
Report Date: 12 Dec 2023



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VOLVO GRAPHS

