



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - FRONT AXLE



Sample No: VCP418080
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP418080	VCP393443	VCP405047	VCP338093
Sample Date	06 Sep 2023	05 Jun 2023	24 Mar 2023	21 Dec 2022
Machine Hours	12744	12465	12252	12001
Oil Hours	744	465	251	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.6	53.8	54.8	37.9
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CONTAMINATION

Silicon	ppm	13	11	12	2
Sodium	ppm	4	2	2	<1
Potassium	ppm	2	1	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	17	11	6	23
Copper	ppm	2	0	0	0
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	5	5	6	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3229	3362	3251	3409
Magnesium	ppm	41	40	43	8
Zinc	ppm	1321	1417	1348	1383
Phosphorus	ppm	1070	1139	1081	1212
Barium	ppm	0	0	0	0
Boron	ppm	85	91	91	2

Depot: MARDIC
Unique No: 10645567
Signed: Don Baldrige
Report Date: 15 Sep 2023



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VOLVO GRAPHS

