



CONSTRUCTION EQUIPMENT

VOLVO L150G NR23026 - REAR AXLE



Sample No: VCP418078
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP418078	VCP396627	VCP405058	VCP338097
Sample Date	06 Sep 2023	05 Jun 2023	24 Mar 2023	22 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	51.6	53.4	60.7	42.87
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CONTAMINATION

Silicon	ppm	11	11	12	8
Sodium	ppm	3	2	1	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	10	7	3	22
Copper	ppm	1	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	4	4	4	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3166	3412	2862	3371
Magnesium	ppm	27	27	28	18
Zinc	ppm	1288	1416	1194	1371
Phosphorus	ppm	1030	1137	951	1165
Barium	ppm	0	0	0	0
Boron	ppm	84	94	85	40

Depot: MARDIC
Unique No: 10645565
Signed: Don Baldrige
Report Date: 15 Sep 2023



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VOLVO GRAPHS

