



CONSTRUCTION EQUIPMENT

VOLVO L150H 4375 - FRONT AXLE



Sample No: VCP409002
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP409002	VCP403841	VCP405069	VCP383675
Sample Date	07 Aug 2023	15 May 2023	09 Mar 2023	29 Dec 2022
Machine Hours	10788	10497	10236	9981
Oil Hours	807	500	255	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 21210 MARTINSBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	49.6	50.3	53.9	49.8
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CONTAMINATION

Silicon	ppm	9	10	8	9
Sodium	ppm	2	2	1	2
Potassium	ppm	0	<1	<1	<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	8	6	44
Copper	ppm	2	<1	<1	6
Lead	ppm	<1	<1	0	1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	1	1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	2	2	2	4
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	3420	3494	3336	3343
Magnesium	ppm	22	23	20	32
Zinc	ppm	1385	1462	1347	1416
Phosphorus	ppm	1130	1192	1044	1136
Barium	ppm	0	0	0	0
Boron	ppm	131	100	98	103

Depot: MARDIC
Unique No: 10602883
Signed: Wes Davis
Report Date: 14 Aug 2023



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VOLVO GRAPHS

