



CONSTRUCTION EQUIPMENT

VOLVO L150H 4487 - FRONT AXLE



Sample No: VCP401932
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP401932	VCP378554	VCP362635	VCP362716
Sample Date	15 Aug 2023	11 Apr 2023	07 Mar 2023	07 Nov 2022
Machine Hours	17210	16479	16278	15641
Oil Hours	731	838	637	1024
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.0	49.6	50.2	50.9
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CONTAMINATION

Silicon	ppm	14	13	17	16
Sodium	ppm	3	3	5	4
Potassium	ppm	2	0	0	2

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	7	6	11	13
Copper	ppm	<1	0	0	0
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	0	0	0	0
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	3708	3071	3759	3650
Magnesium	ppm	18	20	24	22
Zinc	ppm	1428	1245	1448	1435
Phosphorus	ppm	1172	952	1188	1119
Barium	ppm	0	0	0	0
Boron	ppm	141	105	130	114

Depot: SCHGRE
Unique No: 10617697
Signed: Wes Davis
Report Date: 24 Aug 2023



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GRAPHS

