



CONSTRUCTION EQUIPMENT

VOLVO L150H 4487 - FRONT AXLE



Sample No: VCP312534
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP312534	VCP401932	VCP378554	VCP362635
Sample Date	02 Oct 2023	15 Aug 2023	11 Apr 2023	07 Mar 2023
Machine Hours	17506	17210	16479	16278
Oil Hours	1027	731	838	637
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.2	52.0	49.6	50.2
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CONTAMINATION

Silicon	ppm	16	14	13	17
Sodium	ppm	5	3	3	5
Potassium	ppm	2	2	0	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	10	7	6	11
Copper	ppm	<1	<1	0	0
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	<1	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	4099	3708	3071	3759
Magnesium	ppm	21	18	20	24
Zinc	ppm	1674	1428	1245	1448
Phosphorus	ppm	1324	1172	952	1188
Barium	ppm	0	0	0	0
Boron	ppm	143	141	105	130

Depot: SCHGRE
Unique No: 10701208
Signed: Don Baldrige
Report Date: 21 Oct 2023



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GRAPHS

