



CONSTRUCTION EQUIPMENT

VOLVO L150H 4487 - FRONT AXLE



Sample No: VCP447463
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP447463	VCP307517	VCP312534	VCP401932
Sample Date	10 Jun 2024	04 Mar 2024	02 Oct 2023	15 Aug 2023
Machine Hours	18778	18384	17506	17210
Oil Hours	394	878	1027	731
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.9	50.1	51.2	52.0
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CONTAMINATION

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

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	4	10	7
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3515	3759	4099	3708
Magnesium	ppm	17	4	21	18
Zinc	ppm	1440	1489	1674	1428
Phosphorus	ppm	1211	1219	1324	1172
Barium	ppm	<1	0	0	0
Boron	ppm	119	124	143	141

Depot: SCHGRE
Unique No: 11085034
Signed: Don Baldrige
Report Date: 19 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

