



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - FRONT AXLE



Sample No: VCP312542
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP312542	VCP385221	VCP359607	VCP360992
Sample Date	24 Oct 2023	09 Aug 2023	23 Feb 2023	23 Aug 2022
Machine Hours	25033	24538	23459	23260
Oil Hours	495	1079	199	944
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	49.5	50.2	51.0	51.9
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CONTAMINATION

Silicon	ppm	24	22	10	18
Sodium	ppm	0	0	8	7
Potassium	ppm	2	2	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	21	16	7	14
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3761	3826	3365	3364
Magnesium	ppm	22	21	19	16
Zinc	ppm	1469	1389	1267	1350
Phosphorus	ppm	1224	1157	1041	1120
Barium	ppm	0	0	0	0
Boron	ppm	127	143	117	128

Depot: SCHGRE
Unique No: 10724409
Signed: Wes Davis
Report Date: 02 Nov 2023



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GRAPHS

