



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - FRONT AXLE



Sample No: VCP385221
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP385221	VCP359607	VCP360992	VCP318384
Sample Date	09 Aug 2023	23 Feb 2023	23 Aug 2022	11 Jan 2022
Machine Hours	24538	23459	23260	22797
Oil Hours	1079	199	944	481
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.2	51.0	51.9	53.7
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CONTAMINATION

Silicon	ppm	22	10	18	14
Sodium	ppm	0	8	7	3
Potassium	ppm	2	0	2	<1



WEAR METALS

Iron	ppm	16	7	14	7
Copper	ppm	0	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	2	2
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3826	3365	3364	3677
Magnesium	ppm	21	19	16	17
Zinc	ppm	1389	1267	1350	1459
Phosphorus	ppm	1157	1041	1120	1127
Barium	ppm	0	0	0	0
Boron	ppm	143	117	128	111

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.

Depot: SCHGRE
Unique No: 10617692
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

