



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - FRONT AXLE



Sample No: VCP416165
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP416165	VCP312542	VCP385221	VCP359607
Sample Date	07 Feb 2024	24 Oct 2023	09 Aug 2023	23 Feb 2023
Machine Hours	25574	25033	24538	23459
Oil Hours	1036	495	1079	199
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	48.9	49.5	50.2	51.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	24	22	10
Sodium	ppm	4	0	0	8
Potassium	ppm	<1	2	2	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	22	21	16	7
Copper	ppm	<1	<1	0	0
Lead	ppm	1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	2	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3752	3761	3826	3365
Magnesium	ppm	25	22	21	19
Zinc	ppm	1521	1469	1389	1267
Phosphorus	ppm	1159	1224	1157	1041
Barium	ppm	0	0	0	0
Boron	ppm	123	127	143	117

Depot: SCHGRE
Unique No: 10898630
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

