



CONSTRUCTION EQUIPMENT

593849 VOLVO L150H 6057 - REAR AXLE



Sample No: VCP416751
Oil Type: VOLVO WB 102
Job No: 593849



SAMPLE INFORMATION

Sample Number	VCP416751	VCP393959	VCP389366	VCP332001
Sample Date	10 Aug 2023	10 Mar 2023	18 Oct 2022	19 Dec 2021
Machine Hours	11051	10046	9035	7055
Oil Hours	3000	2000	500	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

PARAGON DEVELOPMENT GROUP
 402 N FRONTAGE RD
 PLANT CITY, FL
 US 33563
 Contact: ED WALPOLE
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	45.7	46.3	46.3	41.7
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CONTAMINATION

Silicon	ppm	14	13	12	11
Sodium	ppm	9	8	7	6
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	71	50	39	40
Copper	ppm	3	2	2	5
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	2	2	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3833	3703	3766	3812
Magnesium	ppm	19	24	22	24
Zinc	ppm	1544	1552	1496	1418
Phosphorus	ppm	1291	1264	1250	1231
Barium	ppm	0	0	0	0
Boron	ppm	143	134	130	123

Diagnosis

Oil and filter change at the time of sampling has been noted. 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.

Depot: PARPLA
Unique No: 10620316
Signed: Sean Felton
Report Date: 28 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

