



CONSTRUCTION EQUIPMENT

23843 VOLVO L350H 1048 - REAR AXLE



Sample No: VCP426915
Oil Type: VOLVO WB 102
Job No: 23843



SAMPLE INFORMATION

Sample Number	VCP426915	VCP340387	VCP343119	VCP312334
Sample Date	12 Aug 2023	25 Jun 2022	04 Nov 2021	05 Apr 2021
Machine Hours	9846	6859	4460	2239
Oil Hours	1000	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
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OIL CONDITION

Visc @ 40°C	cSt	48.6	48.9	44.4	42.7
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CONTAMINATION

Silicon	ppm	22	13	0	10
Sodium	ppm	4	4	0	0
Potassium	ppm	0	0	2	0



WEAR METALS

Iron	ppm	206	77	0	6
Copper	ppm	<1	3	0	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	1	0	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	2	0	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4029	3250	0	4232
Magnesium	ppm	34	25	<1	27
Zinc	ppm	1585	1403	0	1617
Phosphorus	ppm	1298	1180	9	1364
Barium	ppm	0	<1	0	0
Boron	ppm	134	106	0	153

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: VOLVO3387
Unique No: 10608421
Signed: Wes Davis
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

