



CONSTRUCTION EQUIPMENT

310706 IAA VOLVO L90H 623595 - REAR AXLE



Sample No: VCP407739
Oil Type: VOLVO WB 102
Job No: 310706 IAA



SAMPLE INFORMATION

Sample Number	VCP407739	VCP306827	VCP289800	VCP270542
Sample Date	19 Jul 2023	11 Feb 2021	15 Oct 2020	20 May 2020
Machine Hours	12919	8149	7614	6979
Oil Hours	0	2000	4000	3000
Oil Changed	N/A	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT
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 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	42.7	40.8	39.7	39.5
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CONTAMINATION

Silicon	ppm	24	13	9	13
Sodium	ppm	3	7	1	8
Potassium	ppm	0	2	1	0

WEAR METALS

Iron	ppm	85	19	22	26
Copper	ppm	34	1	6	5
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	3	<1	0	1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	5	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	1	<1	<1	1
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	4116	4260	4121	4319
Magnesium	ppm	19	13	8	11
Zinc	ppm	1559	1596	1559	1669
Phosphorus	ppm	1321	1396	1392	1394
Barium	ppm	0	0	0	0
Boron	ppm	169	137	158	129

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: VOLVO0142
Unique No: 10572455
Signed: Wes Davis
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

