



CONSTRUCTION EQUIPMENT

SPM619897 VOLVO L90H 624199 - FRONT AXLE



Sample No: VCP415337
Oil Type: VOLVO WB 102
Job No: SPM619897



SAMPLE INFORMATION

Sample Number	VCP415337	VCP354486	VCP372570	VCP361087
Sample Date	12 Oct 2023	22 Aug 2023	25 Jul 2022	23 Mar 2022
Machine Hours	9889	9032	7115	6496
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

UNITED SCRAP

1545 S CICERO AVE
 CICERO, IL
 US 60804
 Contact: RON LUCHTENBURG
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	44.5	41.7	42.2	42.2
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CONTAMINATION

Silicon	ppm	16	12	13	13
Sodium	ppm	0	7	8	9
Potassium	ppm	0	2	2	0



WEAR METALS

Iron	ppm	<1	22	34	15
Copper	ppm	0	<1	<1	0
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	2	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3272	4054	4265	4178
Magnesium	ppm	43	14	15	18
Zinc	ppm	1528	1613	1638	1564
Phosphorus	ppm	1238	1317	1299	1330
Barium	ppm	0	2	2	0
Boron	ppm	0	164	157	134

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: UNICICIL
Unique No: 10713416
Signed: Wes Davis
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

