



CONSTRUCTION EQUIPMENT

SPM729125 VOLVO L90H 625106 - REAR AXLE



Sample No: VCP444419
Oil Type: VOLVO WB 102
Job No: SPM729125



SAMPLE INFORMATION

Sample Number	VCP444419	VCP415282	VCP354482	VCP391108
Sample Date	10 Jun 2024	12 Oct 2023	22 Aug 2023	27 Sep 2022
Machine Hours	6517	5121	4106	2921
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	41.0	49.3	42.4	43.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	15	14	12
Sodium	ppm	<1	0	4	<1
Potassium	ppm	1	<1	<1	2

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	21	0	33	11
Copper	ppm	0	0	2	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	1	<1
Aluminum	ppm	2	<1	1	2
Chromium	ppm	<1	0	1	<1
Molybdenum	ppm	1	0	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	2	1
Vanadium	ppm	<1	0	<1	<1



ADDITIVES

Calcium	ppm	4028	2839	4008	4034
Magnesium	ppm	16	16	19	14
Zinc	ppm	1760	1317	1628	1682
Phosphorus	ppm	1415	1123	1277	1317
Barium	ppm	0	0	0	0
Boron	ppm	28	0	160	136

Depot: UNICICIL
Unique No: 11089993
Signed: Wes Davis
Report Date: 24 Jun 2024



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VOLVO GRAPHS

