



CONSTRUCTION EQUIPMENT

701330 VOLVO L120H 632860 - REAR AXLE



Sample No: VCP446370
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 701330



SAMPLE INFORMATION

Sample Number	VCP446370	VCP437446	VCP432771	VCP424928
Sample Date	09 Apr 2024	15 Jan 2024	06 Sep 2023	06 Jun 2023
Machine Hours	7484	6693	5768	4936
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ATTENTION	ABNORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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OIL CONDITION

Visc @ 40°C	cSt	54.2	43.3	46.5	43.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	22	46	43
Sodium	ppm	<1	0	3	<1
Potassium	ppm	2	2	0	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	83	275	590	424
Copper	ppm	1	2	<1	1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	3	2	5	3
Chromium	ppm	2	2	5	3
Molybdenum	ppm	6	16	18	15
Nickel	ppm	<1	<1	3	2
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	10	8
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	3509	3851	4140	4133
Magnesium	ppm	22	28	23	16
Zinc	ppm	1468	1583	1644	1668
Phosphorus	ppm	1244	1243	1360	1295
Barium	ppm	1	3	0	0
Boron	ppm	111	148	119	126

Depot: ORAORL
Unique No: 10979119
Signed: Wes Davis
Report Date: 16 Apr 2024



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VOLVO GRAPHS

