



CONSTRUCTION EQUIPMENT

SWA275711-10 VOLVO L70H 623404 - REAR AXLE



Sample No: VCP397110
Oil Type: VOLVO WB 102
Job No: SWA275711-10



SAMPLE INFORMATION

Sample Number	VCP397110	VCP367835	VCP376109	VCP322244
Sample Date	09 Jun 2023	15 Dec 2022	15 Aug 2022	16 May 2022
Machine Hours	8270	7328	6731	6283
Oil Hours	0	1000	0	200
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DENALI WE CARE
 400 TORNE RD
 HILLBURN, NY
 US 10931
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	39.5	40.4	40.6	40.1
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T:
F:



CONTAMINATION

Silicon	ppm	11	11	9	12
Sodium	ppm	6	5	9	7
Potassium	ppm	<1	2	3	0

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	45	27	11	51
Copper	ppm	1	<1	<1	3
Lead	ppm	<1	0	1	<1
Tin	ppm	<1	0	1	<1
Aluminum	ppm	<1	0	2	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	2	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	4076	4124	3750	3814
Magnesium	ppm	15	14	17	15
Zinc	ppm	1693	1640	1646	1498
Phosphorus	ppm	1283	1325	1269	1215
Barium	ppm	0	1	<1	0
Boron	ppm	148	147	142	135

Depot: DENHIL
Unique No: 10605103
Signed: Wes Davis
Report Date: 16 Aug 2023



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VOLVO GRAPHS

