



CONSTRUCTION EQUIPMENT

SWA275711-10 VOLVO L70H 623404 - FRONT AXLE



Sample No: VCP407001
Oil Type: VOLVO WB 102
Job No: SWA275711-10



SAMPLE INFORMATION

Sample Number	VCP407001	VCP367613	VCP371824	VCP322246
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	2000
Oil Changed	Not Chngd	N/A	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	40.2	40.5	40.5	46.5
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T:
 F:



CONTAMINATION

Silicon	ppm	11	10	9	10
Sodium	ppm	6	5	9	8
Potassium	ppm	<1	2	2	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	36	21	11	42
Copper	ppm	0	0	<1	<1
Lead	ppm	<1	0	1	<1
Tin	ppm	0	0	1	<1
Aluminum	ppm	<1	0	2	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	4156	4162	3675	3845
Magnesium	ppm	15	14	16	15
Zinc	ppm	1743	1659	1610	1522
Phosphorus	ppm	1313	1332	1223	1224
Barium	ppm	0	1	<1	0
Boron	ppm	150	146	135	138

Depot: DENHIL
Unique No: 10605105
Signed: Wes Davis
Report Date: 16 Aug 2023



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VOLVO GRAPHS

