



CONSTRUCTION EQUIPMENT

SPM633729 VOLVO L120H 632945 - FRONT AXLE



Sample No: VCP429068
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM633729



SAMPLE INFORMATION

Sample Number	VCP429068	VCP427095	VCP422722	VCP346078
Sample Date	10 Nov 2023	28 Sep 2023	12 May 2023	05 Mar 2022
Machine Hours	4002	3586	2627	559
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

OZINGA BROS INC
 19001 OLD LAGRANDE RD
 MOKENA, IL
 US 60448
 Contact: ED JONGSMA



OIL CONDITION

Visc @ 40°C	cSt	41.0	39.4	39.5	40.1
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T: (708)326-4200
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	15	14	14
Sodium	ppm	5	7	10	12
Potassium	ppm	2	3	<1	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	188	397	295	123
Copper	ppm	<1	2	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	0	<1	2
Chromium	ppm	4	8	7	4
Molybdenum	ppm	8	14	12	11
Nickel	ppm	<1	2	1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	8	14	11	9
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3626	3864	3860	4173
Magnesium	ppm	24	11	13	15
Zinc	ppm	1506	1684	1633	1593
Phosphorus	ppm	1242	1310	1300	1403
Barium	ppm	2	0	0	0
Boron	ppm	92	130	120	134

Depot: OZIMOKVC
Unique No: 10767318
Signed: Wes Davis
Report Date: 04 Dec 2023



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GRAPHS

