



CONSTRUCTION EQUIPMENT

SPM689359 RENTAL VOLVO L120H 632941 - FRONT AXLE



Sample No: VCP304639
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SPM689359 RENTAL



SAMPLE INFORMATION

Sample Number	VCP304639	VCP423168	VCP423194	VCP364811
Sample Date	04 Apr 2024	21 Jun 2023	21 Jun 2023	14 Sep 2022
Machine Hours	3974	2611	2611	2013
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	43.0	42.6	40.9	39.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	15	12	20
Sodium	ppm	6	5	4	11
Potassium	ppm	0	0	0	3

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	220	177	54	467
Copper	ppm	0	<1	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	2
Chromium	ppm	4	4	2	10
Molybdenum	ppm	5	5	2	16
Nickel	ppm	0	<1	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	8	6	3	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4085	3680	3099	4540
Magnesium	ppm	21	22	13	13
Zinc	ppm	1602	1478	1357	1829
Phosphorus	ppm	1343	1176	1124	1537
Barium	ppm	0	0	2	0
Boron	ppm	137	155	62	143

Depot: VOLVO8885
Unique No: 10977820
Signed: Wes Davis
Report Date: 15 Apr 2024



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GRAPHS

