



CONSTRUCTION EQUIPMENT

689018 IAA VOLVO L90H 623069 - FRONT AXLE



Sample No: VCP441311
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 689018 IAA



SAMPLE INFORMATION

Sample Number	VCP441311	VCP345051	VCP235860	VCP224074
Sample Date	04 Apr 2024	04 Nov 2021	18 Jan 2019	12 Jul 2018
Machine Hours	16355	11990	6052	6022
Oil Hours	2000	4000	2052	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
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OIL CONDITION

Visc @ 40°C	cSt	40.8	42.6	41.12	27.00
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CONTAMINATION

Water	%	NEG	NEG	NEG	▲ 0.299
Silicon	ppm	11	10	12	17
Sodium	ppm	1	7	3	6
Potassium	ppm	0	0	5	6

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	28	8	18	46
Copper	ppm	<1	<1	<1	9
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	2
Aluminum	ppm	<1	1	<1	3
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	0	2	0	4
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	3
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2997	2828	4172	3154
Magnesium	ppm	8	29	10	40
Zinc	ppm	1386	1198	1663	1322
Phosphorus	ppm	1189	989	1337	1051
Barium	ppm	0	0	0	<1
Boron	ppm	10	90	115	90

Depot: VOLVO2990
Unique No: 10969464
Signed: Wes Davis
Report Date: 11 Apr 2024



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VOLVO GRAPHS

