



CONSTRUCTION EQUIPMENT

SPM580866 PIONEER VOLVO L60H 622878 - FRONT AXLE



Sample No: VCP420184
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM580866 PIONEER



SAMPLE INFORMATION

Sample Number	VCP420184	VCP418549	VCP400987	VCP396644
Sample Date	04 Aug 2023	28 Apr 2023	24 Feb 2023	20 Dec 2022
Machine Hours	2513	1997	1507	933
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 F:



OIL CONDITION

Visc @ 40°C	cSt	42.8	41.0	41.1	40.9
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CONTAMINATION

Silicon	ppm	23	21	22	20
Sodium	ppm	0	9	11	10
Potassium	ppm	2	3	1	0



WEAR METALS

Iron	ppm	20	84	76	62
Copper	ppm	<1	2	2	1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	<1	4	4	3
Molybdenum	ppm	1	4	5	5
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	8	8	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4061	3914	3992	3801
Magnesium	ppm	14	10	11	13
Zinc	ppm	1603	1628	1525	1555
Phosphorus	ppm	1303	1293	1229	1197
Barium	ppm	1	0	0	0
Boron	ppm	145	128	127	127

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.

Depot: VOLVO8885
Unique No: 10602446
Signed: Wes Davis
Report Date: 12 Aug 2023



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VOLVO GRAPHS

