



CONSTRUCTION EQUIPMENT

SPM580866 PIONEER VOLVO L60H 622878 - REAR AXLE



Sample No: VCP420652
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM580866 PIONEER



SAMPLE INFORMATION

Sample Number	VCP420652	VCP418548	VCP387268	VCP396810
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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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.9	41.3	41.3	41.0
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CONTAMINATION

Silicon	ppm	40	27	32	20
Sodium	ppm	0	9	12	10
Potassium	ppm	1	2	<1	0



WEAR METALS

Iron	ppm	63	234	247	60
Copper	ppm	2	14	15	1
Lead	ppm	0	0	1	1
Tin	ppm	0	1	2	<1
Aluminum	ppm	3	<1	<1	<1
Chromium	ppm	1	4	5	3
Molybdenum	ppm	2	6	8	5
Nickel	ppm	<1	2	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	7	10	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4111	3734	4397	3816
Magnesium	ppm	14	10	14	13
Zinc	ppm	1623	1580	1690	1564
Phosphorus	ppm	1308	1279	1379	1201
Barium	ppm	1	0	0	0
Boron	ppm	144	123	140	130

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: 10602473
Signed: Wes Davis
Report Date: 12 Aug 2023



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GRAPHS

