



CONSTRUCTION EQUIPMENT

EURAZ VOLVO L120H 632062 - FRONT AXLE



Sample No: VCP243021
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: EURAZ



SAMPLE INFORMATION

Sample Number	VCP243021	VCP209341	VCP208680	VCP191534
Sample Date	24 Sep 2019	28 Aug 2018	21 Feb 2018	21 Sep 2017
Machine Hours	11205	8428	6129	4083
Oil Hours	2000	2000	2000	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT--CALGARY
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OIL CONDITION

Visc @ 40°C	cSt	40.5	41.9	42.3	41.6
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CONTAMINATION

Silicon	ppm	14	9	13	15
Sodium	ppm	0	<1	2	3
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	91	33	98	189
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	1	<1	2	3
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	2	4
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	4095	3980	4143	4109
Magnesium	ppm	12	10	14	15
Zinc	ppm	1649	1677	1689	1714
Phosphorus	ppm	1301	1367	1347	1434
Barium	ppm	0	0	0	0
Boron	ppm	123	120	119	133

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: VOLVO3909
Unique No: 4939068
Signed: Wes Davis
Report Date: 30 Sep 2019



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GRAPHS

