



CONSTRUCTION EQUIPMENT

EURAZ VOLVO L120H 632062 - REAR AXLE



Sample No: VCP240834
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: EURAZ



SAMPLE INFORMATION

Sample Number	VCP240834	VCP222832	VCP208688	VCP191277
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	40.4	42.0	42.2	41.3
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CONTAMINATION

Silicon	ppm	11	11	14	13
Sodium	ppm	0	<1	2	3
Potassium	ppm	<1	<1	0	0



WEAR METALS

Iron	ppm	60	31	52	76
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	1	<1	<1	2
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	1	<1	1	3
Vanadium	ppm	<1	<1	<1	0



ADDITIVES

Calcium	ppm	4141	4050	4152	4151
Magnesium	ppm	12	11	14	15
Zinc	ppm	1666	1658	1688	1710
Phosphorus	ppm	1293	1344	1346	1420
Barium	ppm	0	0	0	0
Boron	ppm	123	122	120	131

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: 4939069
Signed: Wes Davis
Report Date: 30 Sep 2019



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

