



CONSTRUCTION EQUIPMENT

391128 VOLVO L120H 632080 - FRONT AXLE



Sample No: VCP392864
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 391128



SAMPLE INFORMATION

Sample Number	VCP392864	VCP353088	VCP334109	VCP299308
Sample Date	18 Jan 2024	29 Sep 2022	11 Jan 2022	30 Jun 2021
Machine Hours	33132	27509	22798	20306
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
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OIL CONDITION

Visc @ 40°C	cSt	48.6	49.4	50.3	49.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	15	15	14
Sodium	ppm	1	15	9	7
Potassium	ppm	<1	9	1	2

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	18	32	25	25
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3829	3874	3676	3610
Magnesium	ppm	16	18	16	14
Zinc	ppm	1470	1439	1465	1465
Phosphorus	ppm	1207	1273	1196	1227
Barium	ppm	0	0	0	0
Boron	ppm	108	109	107	110

Depot: VOLVO9652
Unique No: 5711747
Signed: Wes Davis
Report Date: 23 Jan 2024



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GRAPHS

