



CONSTRUCTION EQUIPMENT

VOLVO L120H 632529 - FRONT AXLE



Sample No: VCP446535
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP446535	VCP436721	VCP365155	VCP298948
Sample Date	14 Feb 2024	07 Dec 2023	08 Jun 2023	17 Mar 2021
Machine Hours	17629	17016	15919	8400
Oil Hours	0	0	0	986
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	SEVERE	NORMAL	NORMAL

FORESTRY RESOURCES
 4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: COREY MUELLER



OIL CONDITION

Visc @ 40°C	cSt	50.5	42.2	51.2	39.9
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T: (239)872-1856
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	18	16	7
Sodium	ppm	2	8	<1	5
Potassium	ppm	0	0	2	0

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	238	1614	186	38
Copper	ppm	<1	2	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	<1	<1
Chromium	ppm	3	22	2	<1
Molybdenum	ppm	3	<1	3	<1
Nickel	ppm	1	7	1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	12	2	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	3502	3905	3679	3404
Magnesium	ppm	31	23	26	9
Zinc	ppm	1388	1638	1429	1439
Phosphorus	ppm	1144	1345	1173	1316
Barium	ppm	0	0	2	0
Boron	ppm	104	131	111	97

Depot: FORFOTFL
Unique No: 10886169
Signed: Wes Davis
Report Date: 20 Feb 2024



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GRAPHS

