



CONSTRUCTION EQUIPMENT

SWO-0714203 VOLVO L120H 632828 - FRONT AXLE



Sample No: VCP455432
Oil Type: TDH FLUID SAE 75W80
Job No: SWO-0714203



SAMPLE INFORMATION

Sample Number	VCP455432	VCP414813	VCP434025	VCP413258
Sample Date	16 Apr 2024	05 Jan 2024	04 Oct 2023	30 May 2023
Machine Hours	4868	4372	3901	3418
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	53.7	54.0	52.1	50.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	19	14	14
Sodium	ppm	2	0	8	8
Potassium	ppm	0	2	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	85	92	128	133
Copper	ppm	6	7	17	13
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	2	1	2
Chromium	ppm	2	2	2	2
Molybdenum	ppm	3	5	3	5
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3080	3635	3176	3405
Magnesium	ppm	45	51	44	42
Zinc	ppm	1189	1475	1337	1381
Phosphorus	ppm	937	1207	1139	1136
Barium	ppm	0	2	0	0
Boron	ppm	110	142	104	113

Depot: SAIBIR
Unique No: 10991805
Signed: Don Baldrige
Report Date: 24 Apr 2024

VOLVO GRAPHS

