



CONSTRUCTION EQUIPMENT

10792 VOLVO L120H 632707 - FRONT AXLE



Sample No: VCP416443
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 10792



SAMPLE INFORMATION

Sample Number	VCP416443	VCP364093	VCP348520	VCP294719
Sample Date	04 Aug 2023	09 Sep 2022	25 Jan 2022	10 Jun 2021
Machine Hours	4040	3445	2840	2030
Oil Hours	0	1000	500	1000
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	42.1	50.6	42.3	40.6
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CONTAMINATION

Silicon	ppm	▲ 61	11	12	11
Sodium	ppm	13	12	9	9
Potassium	ppm	3	0	11	0

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	193	87	52	82
Copper	ppm	<1	<1	<1	0
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	7	2	1	<1
Chromium	ppm	3	2	1	2
Molybdenum	ppm	1	<1	<1	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	4	2	2	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3836	3836	3863	3903
Magnesium	ppm	24	19	19	19
Zinc	ppm	1532	1493	1459	1438
Phosphorus	ppm	1243	1245	1274	1223
Barium	ppm	0	0	0	0
Boron	ppm	141	151	144	127

Depot: JAAPHI
Unique No: 10601783
Signed: Don Baldrige
Report Date: 12 Aug 2023



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GRAPHS

