



CONSTRUCTION EQUIPMENT

VOLVO L150E 6951 - REAR AXLE



Sample No: VCP414425
Oil Type: TRANSAXLE OIL SAE 75W80
Job No:



SAMPLE INFORMATION

Sample Number	VCP414425	VCP424365	VCP382793	VCP0005104
Sample Date	18 Jul 2023	02 Jun 2023	02 Mar 2023	09 Jan 2023
Machine Hours	5533	5143	4470	4079
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

113 - ASCENDUM MACHINERY INC - GARNER
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 Contact: TRENT BROADWELL
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OIL CONDITION

Visc @ 40°C	cSt	41.7	41.5	42.1	39.5
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CONTAMINATION

Silicon	ppm	11	11	8	12
Sodium	ppm	0	3	2	11
Potassium	ppm	2	0	1	0



WEAR METALS

Iron	ppm	29	19	12	89
Copper	ppm	4	2	2	15
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	1	1
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	1	<1	1	3
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4172	3908	3965	3681
Magnesium	ppm	12	10	16	12
Zinc	ppm	1687	1579	1619	1415
Phosphorus	ppm	1406	1279	1274	1172
Barium	ppm	2	0	0	0
Boron	ppm	160	128	126	119

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: VOLV00157
Unique No: 10566020
Signed: Wes Davis
Report Date: 24 Jul 2023

VOLVO **GRAPHS**

