



CONSTRUCTION EQUIPMENT

9939 VOLVO L50G 2420084 - REAR AXLE



Sample No: VCP388547
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 9939



SAMPLE INFORMATION

Sample Number	VCP388547	VCP407792	VCP311352	VCP221426
Sample Date	20 Nov 2023	04 May 2023	13 Jul 2021	06 Aug 2019
Machine Hours	6883	6434	5217	4040
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.9	44.7	44.4	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	16	11	10
Sodium	ppm	2	6	3	0
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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	35	102	55	39
Copper	ppm	<1	2	2	1
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	4	2	0
Nickel	ppm	0	2	<1	1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3208	3755	3370	3483
Magnesium	ppm	17	82	40	4
Zinc	ppm	1425	1559	1341	1445
Phosphorus	ppm	1252	1215	1105	1188
Barium	ppm	0	0	0	0
Boron	ppm	46	117	131	104

Depot: RELMIL
Unique No: 10763009
Signed: Don Baldrige
Report Date: 30 Nov 2023



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VOLVO GRAPHS

