



CONSTRUCTION EQUIPMENT

SWO-069917 APAC VOLVO L150H 5908 - REAR AXLE



Sample No: VCP444448
Oil Type: TDH FLUID SAE 75W80
Job No: SWO-069917 APAC



SAMPLE INFORMATION

Sample Number	VCP444448	VCP297123	VCP292239	VCP285697
Sample Date	22 Feb 2024	05 Feb 2021	18 Nov 2020	24 Aug 2020
Machine Hours	7119	4099	3253	3140
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
BIRMINGHAM, AL
US 35217
Contact: BRANTLY CLAY
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T:
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OIL CONDITION

Visc @ 40°C	cSt	50.6	40.6	40.2	40.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	9	14
Sodium	ppm	1	3	2	2
Potassium	ppm	1	0	1	1

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	20	170	109	145
Copper	ppm	5	31	31	30
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	4	1	4
Molybdenum	ppm	0	3	<1	3
Nickel	ppm	0	<1	2	1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	5	2	4
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3390	3870	3510	3692
Magnesium	ppm	17	7	7	9
Zinc	ppm	1393	1465	1421	1562
Phosphorus	ppm	1168	1317	1318	1193
Barium	ppm	0	0	0	<1
Boron	ppm	90	119	86	155

Depot: VOLVO8528
Unique No: 10900273
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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VOLVO GRAPHS

