



CONSTRUCTION EQUIPMENT

SPM686530 GA PAC VOLVO L150H 7091 - REAR AXLE



Sample No: VCP444870
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM686530 GA PAC



SAMPLE INFORMATION

Sample Number	VCP444870	VCP429104	VCP404054	VCP404514
Sample Date	15 Mar 2024	10 Nov 2023	26 Apr 2023	01 Apr 2023
Machine Hours	5645	4509	2615	2147
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	40.5	41.6	41.9	40.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	19	15	11
Sodium	ppm	0	0	8	10
Potassium	ppm	2	1	0	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	18	13	88	49
Copper	ppm	<1	<1	0	2
Lead	ppm	1	0	0	0
Tin	ppm	1	0	0	0
Aluminum	ppm	2	2	2	<1
Chromium	ppm	1	<1	1	1
Molybdenum	ppm	1	<1	3	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	<1	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3402	3285	3991	3744
Magnesium	ppm	10	11	22	10
Zinc	ppm	1475	1418	1642	1513
Phosphorus	ppm	1167	1168	1326	1275
Barium	ppm	1	2	0	0
Boron	ppm	17	12	136	128

Depot: VOLVO8885
Unique No: 10941428
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

