



CONSTRUCTION EQUIPMENT

SPM686530 VOLVO L150H 7091 - FRONT AXLE



Sample No: VCP443596
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM686530



SAMPLE INFORMATION

Sample Number	VCP443596	VCP425441	VCP404323	VCP404525
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
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F:



OIL CONDITION

Visc @ 40°C	cSt	40.7	40.6	40.8	41.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	16	13	12
Sodium	ppm	0	7	10	10
Potassium	ppm	2	4	2	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	16	183	77	65
Copper	ppm	<1	1	2	4
Lead	ppm	1	0	0	0
Tin	ppm	1	0	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	1	3	3	2
Molybdenum	ppm	1	7	3	3
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	7	5	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3331	3662	3761	3614
Magnesium	ppm	10	10	12	10
Zinc	ppm	1424	1526	1585	1506
Phosphorus	ppm	1123	1264	1320	1276
Barium	ppm	1	2	0	0
Boron	ppm	16	119	128	125

Depot: VOLVO8885
Unique No: 10941456
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

