



CONSTRUCTION EQUIPMENT

716240 BULK EXPRESS VOLVO L180H 5391 - REAR AXLE



Sample No: VCP447409
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 716240 BULK EXPRESS



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP447409	VCP449823	VCP440265	VCP440366
Sample Date	14 May 2024	03 May 2024	26 Dec 2023	10 Nov 2023
Machine Hours	6290	6157	5286	4791
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	44.2	39.6	42.7	42.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	13	11	9
Sodium	ppm	2	0	0	2
Potassium	ppm	1	2	<1	0



WEAR METALS

Iron	ppm	28	45	31	21
Copper	ppm	10	18	18	16
Lead	ppm	<1	1	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	1	2	1	1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	3	4	3	2
Nickel	ppm	0	1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	4085	3535	3733	3634
Magnesium	ppm	28	29	21	21
Zinc	ppm	1616	1443	1558	1518
Phosphorus	ppm	1346	1205	1236	1230
Barium	ppm	0	0	0	0
Boron	ppm	151	131	128	127

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: VOLVO0096
Unique No: 11036048
Signed: Wes Davis
Report Date: 21 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

