



CONSTRUCTION EQUIPMENT

SPM634622 US GYPSUM VOLVO L180H 5498 - REAR AXLE



Sample No: VCP435683
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM634622 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP435683	VCP422609	VCP410800	VCP358334
Sample Date	29 Nov 2023	24 Apr 2023	13 Mar 2023	05 Apr 2022
Machine Hours	6195	4620	4285	1978
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
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 F:



OIL CONDITION

Visc @ 40°C	cSt	43.3	40.9	43.5	40.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	19	13	10
Sodium	ppm	4	4	5	8
Potassium	ppm	8	0	<1	2

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	296	401	87	343
Copper	ppm	2	0	3	3
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	2	2
Chromium	ppm	3	8	2	3
Molybdenum	ppm	11	15	2	5
Nickel	ppm	1	2	<1	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	4	15	3	6
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	2076	4004	3831	3533
Magnesium	ppm	14	14	19	8
Zinc	ppm	935	1627	1580	1472
Phosphorus	ppm	804	1345	1280	1296
Barium	ppm	0	0	0	0
Boron	ppm	61	136	123	106

Depot: VOLVO8885
Unique No: 10793397
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

