



CONSTRUCTION EQUIPMENT

SPM634622 US GYPSUM VOLVO L180H 5498 - FRONT AXLE



Sample No: VCP435682
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM634622 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP435682	VCP422610	VCP410795	VCP05517416
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	1978
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	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	40.8	41.6	43.8	40.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	14	13	9
Sodium	ppm	2	2	5	7
Potassium	ppm	5	0	0	3

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	22	30	88	64
Copper	ppm	<1	0	3	7
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	<1	2	2
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	0	<1	2	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1965	3431	3806	3350
Magnesium	ppm	10	12	18	7
Zinc	ppm	1018	1482	1542	1484
Phosphorus	ppm	902	1226	1262	1285
Barium	ppm	0	0	0	0
Boron	ppm	28	47	122	111

Depot: VOLVO8885
Unique No: 10793407
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

