



CONSTRUCTION EQUIPMENT

SPM703351 US GYPSUM VOLVO L180H 5572 - REAR AXLE



Sample No: VCP447711
Oil Type: VOLVO WB 102
Job No: SPM703351 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP447711	VCP425593	VCP422599	VCP419985
Sample Date	30 Apr 2024	12 Sep 2023	13 Jun 2023	14 Mar 2023
Machine Hours	7008	5421	4720	4201
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	38.6	41.2	42.9	42.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	13	13	14
Sodium	ppm	2	0	4	4
Potassium	ppm	0	2	0	0

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	8	46	99	89
Copper	ppm	0	<1	2	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	3	1	2
Chromium	ppm	0	1	3	3
Molybdenum	ppm	0	1	3	3
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3263	3494	3299	3814
Magnesium	ppm	9	11	22	20
Zinc	ppm	1401	1513	1369	1563
Phosphorus	ppm	1159	1267	1098	1278
Barium	ppm	0	0	0	0
Boron	ppm	0	59	140	126

Depot: VOLVO8885
Unique No: 11030507
Signed: Wes Davis
Report Date: 15 May 2024



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GRAPHS

