



CONSTRUCTION EQUIPMENT

SPM553978 US GYPSUM VOLVO L180H 5572 - REAR AXLE



Sample No: VCP422599
Oil Type: GEAR OIL SAE 80W90
Job No: SPM553978 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP422599	VCP419985	VCP363726	VCP365813
Sample Date	13 Jun 2023	14 Mar 2023	24 Jan 2023	02 Nov 2022
Machine Hours	4720	4201	3714	3006
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	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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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.9	42.6	43.0	41.8
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CONTAMINATION

Silicon	ppm	13	14	14	14
Sodium	ppm	4	4	2	11
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	99	89	68	70
Copper	ppm	2	1	2	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	2	1	2
Chromium	ppm	3	3	2	2
Molybdenum	ppm	3	3	3	4
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	5	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3299	3814	3692	4022
Magnesium	ppm	22	20	19	19
Zinc	ppm	1369	1563	1380	1603
Phosphorus	ppm	1098	1278	1150	1254
Barium	ppm	0	0	0	0
Boron	ppm	140	126	128	130

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10548911
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

