



CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - DROP BOX



Sample No: VCP407221
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP407221	VCP365833	VCP322344	VCE251713
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	163	47.8	46.3	62.12
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CONTAMINATION

Silicon	ppm	22	25	7	19
Sodium	ppm	1	8	6	4
Potassium	ppm	5	16	7	1



WEAR METALS

Iron	ppm	81	106	39	31
Copper	ppm	<1	2	<1	1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	2
Aluminum	ppm	10	10	4	2
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	4	7	<1	12
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	1	2	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3029	323	691	46
Magnesium	ppm	45	28	7	34
Zinc	ppm	1050	185	484	22
Phosphorus	ppm	1046	2124	1157	1399
Barium	ppm	0	1	0	0
Boron	ppm	42	165	126	173

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: VOLVO8885
Unique No: 10560813
Signed: Don Baldrige
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

