



CONSTRUCTION EQUIPMENT

SPM717258 VOLVO EC300DL 210200 - SWING DRIVE



Sample No: VCP444416
Oil Type: GEAR OIL SAE 80W90
Job No: SPM717258



SAMPLE INFORMATION

Sample Number	VCP444416	VCP420679	VCP280165	---
Sample Date	07 Jun 2024	12 Sep 2023	22 Aug 2020	---
Machine Hours	6458	5950	4200	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	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	137	209	337	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	28	6	---
Sodium	ppm	0	0	5	---
Potassium	ppm	2	2	<1	---

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	2	70	124	---
Copper	ppm	0	12	7	---
Lead	ppm	0	2	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	4	0	---
Chromium	ppm	0	2	3	---
Molybdenum	ppm	0	1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	75	2142	52	---
Magnesium	ppm	3	24	3	---
Zinc	ppm	33	1004	18	---
Phosphorus	ppm	487	913	956	---
Barium	ppm	0	0	<1	---
Boron	ppm	0	38	227	---

Depot: VOLVO8885
Unique No: 11089994
Signed: Sean Felton
Report Date: 24 Jun 2024



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GRAPHS

