



CONSTRUCTION EQUIPMENT

537144 VOLVO A40G 353375 - DROP BOX



Sample No: VCP449543
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 537144



SAMPLE INFORMATION

Sample Number	VCP449543	VCP412077	VCP417718	---
Sample Date	18 Apr 2024	07 Sep 2023	14 Jul 2023	---
Machine Hours	4458	2328	1524	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	ATTENTION	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	198	214	48.9	---
-------------	-----	------------	-----	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	10	34	---
Sodium	ppm	0	3	12	---
Potassium	ppm	0	3	7	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	520	51	90	---
Copper	ppm	4	2	6	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	8	<1	1	---
Molybdenum	ppm	28	6	9	---
Nickel	ppm	3	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	533	92	49	---
Magnesium	ppm	162	15	0	---
Zinc	ppm	356	51	69	---
Phosphorus	ppm	1137	1247	2548	---
Barium	ppm	0	0	0	---
Boron	ppm	169	207	243	---

Depot: VOLVO0096
Unique No: 10994885
Signed: Jonathan Hester
Report Date: 26 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

