



CONSTRUCTION EQUIPMENT

157115 VOLVO A40G 341583 - DROP BOX



Sample No: VCP394386
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 157115



SAMPLE INFORMATION

Sample Number	VCP394386	VCP322020	VCP243907	---
Sample Date	31 Jan 2023	17 May 2021	31 Jul 2020	---
Machine Hours	8449	7230	6059	---
Oil Hours	0	1000	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	237	292	221	---
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CONTAMINATION

Silicon	ppm	17	9	12	---
Sodium	ppm	5	<1	3	---
Potassium	ppm	17	0	<1	---



WEAR METALS

Iron	ppm	80	36	226	---
Copper	ppm	1	<1	1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	0	15	---
Chromium	ppm	2	<1	3	---
Molybdenum	ppm	19	6	2	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	296	74	121	---
Magnesium	ppm	45	24	6	---
Zinc	ppm	199	43	82	---
Phosphorus	ppm	941	940	1046	---
Barium	ppm	1	0	0	---
Boron	ppm	140	238	123	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO2990
Unique No: 10323075
Signed: Don Baldrige
Report Date: 06 Feb 2023



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GRAPHS

