



CONSTRUCTION EQUIPMENT

VOLVO A40G 341163 - DROP BOX



Sample No: VCP420026
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP420026	VCP280926	---	---
Sample Date	17 Nov 2023	18 Jul 2020	---	---
Machine Hours	9855	6280	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	107	153	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	12	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	34	76	---	---
Copper	ppm	4	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	12	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	17	2	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	264	95	---	---
Magnesium	ppm	116	20	---	---
Zinc	ppm	205	62	---	---
Phosphorus	ppm	809	1493	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	155	153	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. High concentration of visible metal present. 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: VOLVO0090
Unique No: 10751942
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

