



CONSTRUCTION EQUIPMENT

41765 VOLVO A25G 752067 - BOGIE/CENTER AXLE



Sample No: VCP447018
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41765



SAMPLE INFORMATION

Sample Number	VCP447018	VCP343127	---	---
Sample Date	03 Apr 2024	23 Nov 2021	---	---
Machine Hours	2534	531	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ATTENTION	NORMAL	---	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER



OIL CONDITION

Visc @ 40°C	cSt	50.7	61.8	---	---
-------------	-----	-------------	------	-----	-----

T: (803)923-2138
 F: (803)791-9920



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	<1	2	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	239	169	---	---
Copper	ppm	26	18	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	3	11	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	23	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	138	101	---	---
Magnesium	ppm	24	<1	---	---
Zinc	ppm	75	33	---	---
Phosphorus	ppm	2279	1441	---	---
Barium	ppm	0	2	---	---
Boron	ppm	229	187	---	---

Depot: VOLVO0013
Unique No: 10965063
Signed: Don Baldrige
Report Date: 09 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

