



CONSTRUCTION EQUIPMENT

24228 VOLVO A40G 352835 - FRONT AXLE



Sample No: VCP434614
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24228



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP434614	VCP339112	---	---
Sample Date	20 Oct 2023	24 Feb 2022	---	---
Machine Hours	4008	984	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	49.0	50.4	---	---
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CONTAMINATION

Silicon	ppm	2	4	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	1	5	---	---



WEAR METALS

Iron	ppm	62	266	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	4	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	2	4	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	42	40	---	---
Magnesium	ppm	10	<1	---	---
Zinc	ppm	47	11	---	---
Phosphorus	ppm	2255	2576	---	---
Barium	ppm	0	0	---	---
Boron	ppm	236	265	---	---

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.

Depot: VOLVO3387
Unique No: 10712184
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

