



CONSTRUCTION EQUIPMENT

VOLVO A40G 352180 - DROP BOX



Sample No: VCP320200
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



367 - ASCENDUM MACHINERY INC - BUFORD
 3779 RYDER BLVD
 BUFORD, GA
 US 30519
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SAMPLE INFORMATION

Sample Number	VCP320200	VCP423709	---	---
Sample Date	15 Dec 2023	27 Sep 2023	---	---
Machine Hours	5121	4855	---	---
Oil Hours	0	1000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	208	50.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	11	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	306	453	---	---
Copper	ppm	4	11	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	9	20	---	---
Chromium	ppm	4	6	---	---
Molybdenum	ppm	18	16	---	---
Nickel	ppm	2	4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	120	49	---	---
Magnesium	ppm	60	23	---	---
Zinc	ppm	109	93	---	---
Phosphorus	ppm	1473	2181	---	---
Barium	ppm	0	0	---	---
Boron	ppm	254	159	---	---

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: VOLVO8529
Unique No: 10805884
Signed: Sean Felton
Report Date: 28 Dec 2023



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GRAPHS

