



CONSTRUCTION EQUIPMENT

24208 VOLVO A25G 740316 - REAR AXLE



Sample No: VCP431413
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24208



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
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SAMPLE INFORMATION

Sample Number	VCP431413	VCP271065	VCP236020	---
Sample Date	17 Oct 2023	25 Mar 2020	03 Jan 2019	---
Machine Hours	4168	2090	1028	---
Oil Hours	1000	2090	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	52.4	131	52.11	---
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CONTAMINATION

Silicon	ppm	2	4	3	---
Sodium	ppm	0	1	2	---
Potassium	ppm	1	0	0	---



WEAR METALS

Iron	ppm	24	332	266	---
Copper	ppm	7	18	24	---
Lead	ppm	<1	2	<1	---
Tin	ppm	<1	0	1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	5	5	---
Molybdenum	ppm	4	12	5	---
Nickel	ppm	<1	2	2	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	7	10	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	142	141	88	---
Magnesium	ppm	29	45	0	---
Zinc	ppm	114	102	34	---
Phosphorus	ppm	2146	1240	2381	---
Barium	ppm	0	<1	0	---
Boron	ppm	282	161	243	---

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: 10709613
Signed: Sean Felton
Report Date: 25 Oct 2023



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GRAPHS

