



CONSTRUCTION EQUIPMENT

23824 VOLVO EC350 314419 - REAR LEFT FINAL DRIVE



Sample No: VCP405864
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23824



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP405864	VCP404421	---	---
Sample Date	02 Aug 2023	21 Feb 2023	---	---
Machine Hours	977	477	---	---
Oil Hours	1000	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	58.0	168	---	---
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CONTAMINATION

Silicon	ppm	17	16	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	100	247	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	3	6	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	20	8	---	---
Magnesium	ppm	3	1	---	---
Zinc	ppm	19	11	---	---
Phosphorus	ppm	2104	321	---	---
Barium	ppm	0	2	---	---
Boron	ppm	263	0	---	---

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: 10589867
Signed: Don Baldrige
Report Date: 09 Aug 2023



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VOLVO GRAPHS

