



CONSTRUCTION EQUIPMENT

23824 VOLVO EC350 314419 - REAR RIGHT FINAL DRIVE



Sample No: VCP405863
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23824



SAMPLE INFORMATION

Sample Number	VCP405863	VCP404418	---	---
Sample Date	02 Aug 2023	21 Feb 2023	---	---
Machine Hours	977	477	---	---
Oil Hours	1000	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	64.3	169	---	---
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CONTAMINATION

Silicon	ppm	57	20	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	1	---	---

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.



WEAR METALS

Iron	ppm	230	207	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	4	3	---	---
Chromium	ppm	8	8	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	21	9	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	20	12	---	---
Phosphorus	ppm	1813	320	---	---
Barium	ppm	0	2	---	---
Boron	ppm	199	0	---	---

Depot: VOLVO3387
Unique No: 10589869
Signed: Don Baldrige
Report Date: 09 Aug 2023



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VOLVO GRAPHS

