



CONSTRUCTION EQUIPMENT

23803 VOLVO ECR355 314608 - REAR RIGHT FINAL DRIVE



Sample No: VCP408103
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23803



SAMPLE INFORMATION

Sample Number	VCP408103	VCP426849	---	---
Sample Date	31 Jul 2023	03 Apr 2023	---	---
Machine Hours	968	598	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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 NORTH CHARLESTON, SC
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OIL CONDITION

Visc @ 40°C	cSt	62.0	175	---	---
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CONTAMINATION

Silicon	ppm	10	13	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	2	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.



WEAR METALS

Iron	ppm	114	146	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	7	9	---	---
Chromium	ppm	5	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	23	14	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	13	0	---	---
Phosphorus	ppm	1927	297	---	---
Barium	ppm	0	0	---	---
Boron	ppm	232	0	---	---

Depot: VOLVO3387
Unique No: 10589866
Signed: Don Baldrige
Report Date: 09 Aug 2023



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GRAPHS

