



CONSTRUCTION EQUIPMENT

SWO-069623 EPIROC TMG21SED0492 - REAR RIGHT FINAL DRIVE



Sample No: VCP444236
Oil Type: {unknown}
Job No: SWO-069623



SAMPLE INFORMATION

Sample Number	VCP444236	VCP447549	VCP428777	VCP428886
Sample Date	13 Feb 2024	03 Jan 2024	27 Nov 2023	31 Oct 2023
Machine Hours	5028	4772	4529	4296
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	221	221	211	214
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	26	29	27	22
Sodium	ppm	<1	0	1	0
Potassium	ppm	0	1	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	109	92	175	150
Copper	ppm	5	5	8	7
Lead	ppm	14	13	26	24
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	2	2	<1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	33	30	87
Magnesium	ppm	0	1	3	1
Zinc	ppm	<1	5	0	28
Phosphorus	ppm	460	454	392	344
Barium	ppm	0	8	0	0
Boron	ppm	<1	1	<1	<1

Depot: SAIBIR
Unique No: 10884899
Signed: Sean Felton
Report Date: 19 Feb 2024



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VOLVO GRAPHS

