



CONSTRUCTION EQUIPMENT

SWO072945 EPIROC TMG21 SED0346 - REAR LEFT FINAL DRIVE



Sample No: VCP415937

Oil Type: {unknown}

Job No: SWO072945



SAMPLE INFORMATION

Sample Number	VCP415937	VCP453732	VCP452456	VCP441614
Sample Date	23 Jun 2024	30 Apr 2024	11 Mar 2024	05 Feb 2024
Machine Hours	5768	5492	5253	5020
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	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	215	218	218	220
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	19	20	29
Sodium	ppm	1	0	0	0
Potassium	ppm	<1	0	0	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead level is abnormal. All other 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	220	124	106	150
Copper	ppm	10	8	9	13
Lead	ppm	33	16	12	16
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	2	<1	<1	2
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	8	0	9
Magnesium	ppm	<1	2	0	1
Zinc	ppm	7	14	0	0
Phosphorus	ppm	414	480	436	717
Barium	ppm	<1	<1	0	0
Boron	ppm	0	0	0	1

Depot: SAIBIR
Unique No: 11099793
Signed: Angela Borella
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

