



CONSTRUCTION EQUIPMENT

SWO-069429

EPIROC TMG21 SED0346 - REAR LEFT FINAL DRIVE



Sample No: VCP441614
Oil Type: {unknown}
Job No: SWO-069429



SAMPLE INFORMATION

Sample Number	VCP441614	VCP435531	VCP445772	VCP429593
Sample Date	05 Feb 2024	20 Dec 2023	14 Nov 2023	10 Oct 2023
Machine Hours	5020	4779	4528	4260
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	220	326	221	218
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	29	16	21	20
Sodium	ppm	0	0	<1	1
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	150	89	70	103
Copper	ppm	13	7	6	7
Lead	ppm	16	3	5	9
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	2	<1	0
Chromium	ppm	2	1	<1	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	0	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	16	6	18
Magnesium	ppm	1	0	<1	13
Zinc	ppm	0	1	0	0
Phosphorus	ppm	717	513	466	392
Barium	ppm	0	4	0	0
Boron	ppm	1	0	2	<1

Diagnosis

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update for time on unit. 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: SAIBIR

Unique No: 10872516

Signed: Doug Bogart

Report Date: 13 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

