



CONSTRUCTION EQUIPMENT

SWO-068630 EPIROC TMG21 SED0492 - REAR LEFT FINAL DRIVE



Sample No: VCP435642
Oil Type: {unknown}
Job No: SWO-068630



SAMPLE INFORMATION

Sample Number	VCP435642	VCP428677	VCP431018	VCP429383
Sample Date	03 Jan 2024	27 Nov 2023	31 Oct 2023	08 Oct 2023
Machine Hours	4772	4529	4296	4048
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	218	210	212	212
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	27	26	22	26
Sodium	ppm	0	1	0	0
Potassium	ppm	1	1	1	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	117	138	124	104
Copper	ppm	7	10	8	8
Lead	ppm	20	34	33	32
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	<1	0	0
Chromium	ppm	1	1	<1	1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	11	12	7
Magnesium	ppm	<1	2	<1	0
Zinc	ppm	4	<1	9	6
Phosphorus	ppm	438	383	343	359
Barium	ppm	8	0	0	2
Boron	ppm	4	<1	0	3

Depot: SAIBIR
Unique No: 10820292
Signed: Jonathan Hester
Report Date: 10 Jan 2024



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VOLVO GRAPHS

