



CONSTRUCTION EQUIPMENT

SWO-064092 EPIROC TMG21 SEDO346 - REAR RIGHT FINAL DRIVE



Sample No: VCP369323
Oil Type: NOT GIVEN
Job No: SWO-064092



SAMPLE INFORMATION

Sample Number	VCP369323	VCP408281	VCP402870	VCP402489
Sample Date	26 Jul 2023	24 May 2023	25 Apr 2023	10 Mar 2023
Machine Hours	3837	3531	3310	3112
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	174	217	217	217
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CONTAMINATION

Silicon	ppm	25	26	23	22
Sodium	ppm	0	0	<1	0
Potassium	ppm	<1	<1	0	0



WEAR METALS

Iron	ppm	121	96	82	59
Copper	ppm	13	10	9	8
Lead	ppm	17	15	10	10
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	24	18	22	14
Magnesium	ppm	1	1	2	0
Zinc	ppm	12	9	10	4
Phosphorus	ppm	413	412	434	449
Barium	ppm	0	3	0	0
Boron	ppm	13	<1	0	<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.

Depot: SAIBIR
Unique No: 10588360
Signed: Jonathan Hester
Report Date: 07 Aug 2023



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VOLVO GRAPHS

