



CONSTRUCTION EQUIPMENT

SWO-063552 EPIROC TMG21 SED0492 - REAR RIGHT FINAL DRIVE



Sample No: VCP426541
Oil Type: NOT GIVEN
Job No: SWO-063552



SAMPLE INFORMATION

Sample Number	VCP426541	VCP413250	VCP382501	VCP402882
Sample Date	03 Jul 2023	25 May 2023	16 Apr 2023	10 Mar 2023
Machine Hours	3460	3205	2907	2693
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	215	214	215	214
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CONTAMINATION

Silicon	ppm	25	24	30	25
Sodium	ppm	<1	0	0	<1
Potassium	ppm	2	2	0	<1



WEAR METALS

Iron	ppm	94	95	101	73
Copper	ppm	6	4	8	5
Lead	ppm	21	19	19	15
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	5	2	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	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	30	33	73	32
Magnesium	ppm	1	1	0	2
Zinc	ppm	0	0	0	4
Phosphorus	ppm	430	430	452	424
Barium	ppm	0	0	0	0
Boron	ppm	0	0	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.

Depot: SAIBIR
Unique No: 10548327
Signed: Don Baldrige
Report Date: 10 Jul 2023



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VOLVO GRAPHS

